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INFORMATION

Report

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MEDICARE HOSPITAL INFORMATION

1988 • 1989 • 1990

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Volume 4

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ARKANSAS

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FOREWORD

The mission of the Health Care Financing Administration (HCFA) is to promote the timely delivery of appropriate, quality health care to the nation's aged, disabled, and poor. The agency must also ensure that beneficiaries are aware of the services for which they are eligible, that those services are accessible, and that agency policies and actions promote efficiency and quality within the total health care delivery system.

To that end, the annual release of the Medicare Hospital Information report is a key element in our continuing efforts to improve the effectiveness of medical practice and the quality of care provided to Medicare beneficiaries. It is also an important step in helping beneficiaries make more informed health care decisions.

The information in this release is not intended as a direct measure of quality of care. It is best used as a "screening tool"—that is, to identify potential problems for further review and, in consultation with medical staff, to evaluate a hospital's strengths and weaknesses. Thus, we believe that consumers can use this information to ask questions of their physicians, rather than reach judgments about the quality of care in a particular hospital. We also expect this information to be used by hospital administrators, physicians, peer review organizations, State survey and certification agencies, and researchers.

This publication presents information to answer the question "What is the actual mortality rate within a certain period of time for each hospital compared to the rate that would have been predicted, given what we know about the characteristics of the patients admitted?" Our basic approach to analyzing hospital mortality information has remained unchanged for the past five years; however, since the last publication of mortality information in May 1991, we have made some significant changes both in our methodology and in the way we display the results of our analysis. The four principal changes in the 1992 report are:

- A graphic presentation of the predicted and observed mortality rates for most hospitals for "All Causes" for Federal fiscal years 1988-1990 at 30, 90, and 180 days;

- The addition of information on certain variables that we use in computing the predicted mortality rates for each hospital;

- The addition of information on the geographic origin of each hospital's patients; and

- A comparison of the average length of stay in each hospital with the average for the State and Nation.

These refinements should make this information an even more valuable educational tool to help improve the quality of care in hospitals. The changes were reviewed by a panel of outside experts. The methodology used to calculate the observed mortality rate, the predicted mortality rate, and the standard deviation are briefly described in the Technical Information section of the Introduction to this volume and in more detail in the Technical Supplement (Volume 55).

We acknowledge the assistance we have received from the American Hospital Association—not only for providing the information detailing selected hospital characteristics, but also for alerting its members to the importance of this information. We are also grateful to the personnel in each hospital who took the time to review the data thoroughly and to provide us with comments and suggestions. As before, we have published individual hospitals' comments in their respective State volumes. Over the years, these communications have helped to improve and refine the information included in this publication.

HCFA is committed to improving the Medicare Hospital Information report. To that end, we are continuing to work with representatives of hospital, consumer, employer and other organizations to make this annual report as useful as possible for all consumers.

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INTRODUCTION

The Medicare Hospital Information report contains information on acute care hospitals that treated Medicare patients discharged in Federal fiscal year (FY) 1990 (October 1, 1989—September 30, 1990).

This year's publication set consists of 54 State volumes and a Technical Supplement (Volume 55). There is one volume per State, except that California and Texas have two volumes each, Hawaii is combined with American Samoa and Guam, and Puerto Rico and the Virgin Islands are combined together in one volume.

Each hospital's two summary data pages are arranged alphabetically by hospital name in each State volume. These data pages consist of:

- The hospital's FY 1990 Medicare hospital mortality rates;
- A graphic presentation of the predicted and observed mortality rates for **most** hospitals for "All Causes" for FYs 1988—1990 at 30, 90, and 180 days;
- The FY 1990 values for selected explanatory factors used to predict the mortality rates;
- Origins and lengths of stays of Medicare admissions; and
- Hospital characteristics, such as the number of beds and other characteristics, which we obtained from data contained in the American Hospital Association's (AHA) 1990 Annual Survey of Hospitals files or, when such information was not available from the AHA file, the Health Care Financing Administration's (HCFA) Online Survey, Certification and Reporting System (OSCAR) file.

> ***Please note that the information regarding origins and lengths of stays and hospital characteristics are presented strictly for information purposes only. They were not used to calculate the hospital's predicted mortality rates.***

Toward the end of each volume, we include both State and national mortality rates developed by our analysis, as well as the comments we received from individual hospitals.

DESCRIPTION OF MORTALITY INFORMATION

The mortality rates at a given hospital may reflect, among other factors, the age, sex, diagnoses, and severity of illness of patients admitted to that hospital, as well as the quality of care they received. Factors affecting health and the probability of death vary among the patient populations served by individual hospitals. Consequently, the mortality rates in different patient populations vary considerably.

These latest analyses of the mortality rates associated with Medicare hospitalizations are similar to those carried out in the four prior years. Only one hospitalization for every patient was used. As in last year's analysis, when a patient had multiple hospitalizations during the fiscal year, one stay was selected at random to be analyzed. We believe that the use of the randomly selected admission provides a better representation of a typical hospital admission and permits us to calculate mortality rates more nearly like those the hospital itself would calculate for its patients.

Although we publish data only on deaths which occur within 180 days of admission to the hospital, for purposes of analysis our methodology actually considers deaths which occur any time within 365 days of admission (with the exception that no date of death later than April 1, 1991 is used). This is part of the formula which assesses the long-term risk of mortality. With this approach, information about the early and later results of the hospitalization is provided. This is important because diseases evolve with different time courses, and treatments may have different short- and long-term effects. The choice of at least 180 days allows substantial followup consistent with timely reporting of HCFA data.

We again analyzed the data on a fiscal year, rather than on a calendar year, basis because it allows us to report on recent hospitalizations. Also, new Medicare rules are often instituted on a fiscal year basis.

For each hospital, mortality rates are presented for overall Medicare patient mortality and for eight medical conditions and nine procedures. The information consists of the number of Medicare patients; the observed or actual mortality rate (OBS); the predicted mortality rate (PRED), given the mix of patients; and a standard deviation (SD), a measure of the uncertainty of the predicted rate.

The following information will be helpful when reviewing specific information for any given hospital.

Number Of Cases

This is the number of individual Medicare beneficiaries whose discharge in a fiscal year from the short-term, acute care hospital listed was selected for analysis. The total number of cases randomly selected for each hospital is presented under the category "All Causes.". The eight medical condition and nine surgical procedure categories are subgroupings drawn from the "All Causes" selection. Although a particular patient may appear in only one of the eight medical condition categories, that same patient may also appear in one or more of the nine surgical procedure categories. Similarly, a patient may appear in one or more of the nine surgical procedure categories, even though he or she was not included in any of the eight medical condition categories.

The categories chosen for display represent HCFA's interpretation of the categories judged to be important by various outside advisors including the Institute of Medicine. The listed condition and procedure categories do not cover the reason for admission of all the hospitalized Medicare patients in this study. (The ICD-9-CM codes included in each condition and procedure category appear in Table 1 following this Introduction section.)

These conditions and procedures represent the causes for the hospital admission and/or surgical episodes during that stay; they do not necessarily represent the cause of death. HCFA does not have access to cause of death information.

Observed Mortality Rate (OBS)

The observed mortality rate for each category is the percentage of each acute care hospital's selected Medicare patients who died within 30, 90, or 180 days of the selected admission. This rate does **not** represent the percentage whose death was caused by a particular condition or procedure.

The percentage is rounded to the nearest one-tenth of one percent. Both inhospital deaths and deaths occurring after discharge but within 30, 90, or 180 days of admission are included. For example, if a hospital had 1,000 patients included in the "All Causes" category and 124 of these patients died within 30 days of the selected admission, the 30-day observed mortality rate would be 12.4 percent; if an additional 17 patients died more than 30 but less than 91 days after admission, the 90-day observed mortality rate would be 14.1 percent; and if an additional 13 patients died more than 90 but less than 181 days after admission, the 180-day observed mortality rate would be 15.4 percent.

It is important to note that the observed mortality rate is cumulative; e.g., the 90-day observed mortality rate includes all deaths which occur within 30 days of admission, as well as those occurring more than 30 and less than 91 days after admission.

Predicted Mortality Rate (PRED)

The predicted mortality rate for each hospital's patients is derived in part by determining, based on national experience, the contribution to the probability of dying associated with various patient characteristics such as:

- Principal diagnosis (grouped into 23 analytical risk categories),
- Age,
- Sex,
- Previous hospital admissions within the prior six months,
- Admission source (e.g., physician reference, skilled nursing facility reference),
- Admission type (e.g., elective or emergency), and
- The presence of up to seven comorbid conditions—cancer, chronic cardiovascular disease, chronic renal disease, chronic liver disease, chronic pulmonary disease, cerebrovascular degeneration, and chronic diabetes. A list of the ICD-9-CM codes defining the comorbid conditions is in Table 2 following this Introduction section.

Standard Deviation (SD)

The standard deviation is a tool to gauge the extent to which the difference between the observed and predicted mortality rate is meaningful. In general, the greater the difference between the two rates, the greater the probability that the difference represents an actual variation from what would be expected in view of the national experience. The less chance that the difference between the PRED and the OBS can be attributed to statistical variability, the more grounds for possible concern about the institution's performance.

Information on how to use the SD to construct prediction intervals for use in assessing the real difference between the OBS and the PRED is included in the Technical Information section of this Introduction. The precision and interpretability of the estimates are weaker when there are no deaths or 50 or fewer cases in a particular category being analyzed. Thus, for these instances, dashes ("---") are placed in the SD column.

Observed Mortality Rate And Predicted Range For Medicare Patient Admissions For All Causes

Also in this year's report, we have presented graphs that display the information for most hospitals described above for FYs 1988 and 1989, as well as FY 1990. (In particular, these graphs could not be computed for hospitals that had 50 or fewer cases or no deaths in FYs 1988, 1989, or 1990). In constructing the graphs, we used 2 times the standard deviation to approximate a 95 percent prediction interval. The observed mortality is shown as a dot (•). The predicted mortality is shown at the middle of a range of mortality rates. The bottom of the range is the predicted mortality minus twice the standard deviation, and the top of the range represents the predicted mortality plus twice the standard deviation. The graphs for FY 1988 and FY 1989 are based on new random samples and new computations for this year's report. Thus, the calculations for some hospitals for FY 1988 and FY 1989 may be different from previous releases, because we are including more current data in this year's report.

FY 1990 Values For Selected Explanatory Factors Used To Predict Mortality Rates

This year's report includes the FY 1990 average at each hospital of many of the explanatory factors used to predict that hospital's mortality rates. This information provides a profile of the patients used in the analysis and should help to identify possible systematic coding errors in the claims data used to calculate the mortality rates. These percentages are derived from the patients included in the sample and should be applied to the total number of cases listed in "All Causes." It is important to note that neither the admission sources/types nor the comorbidities categories are mutually exclusive. For example, a patient could be both "referred by his personal physician" and "admitted for elective procedure." Similarly, a patient could have secondary diagnoses of both cancer and diabetes.

Information Sources And Notes

We believe that when the mortality rate information is properly understood and applied, it can be very useful; it can also be misleading if it is interpreted incorrectly. The information simply describes one of several possible outcomes at a hospital—postadmission mortality for Medicare beneficiaries.

Mortality information is not necessarily representative of a hospital's total performance in all aspects of patient care. Individual hospitals may have very good reasons for their rates being higher than the rates predicted by the HCFA model. For example, one hospital might have different death rates than another because its patient mix is not fully accounted for by the model.

Accordingly, we offered each hospital the opportunity to review their specific information and to provide comments to HCFA and the public, and we included those comments that were received timely at the end of this volume. Users should read the discussions about the uses and limitations of the mortality information found on page xiii, as well as any comments a hospital may have provided.

Hospitals In The Analysis

The hospitals included in this analysis are participating in Medicare as short-term, acute care facilities—all have a zero in the third position of their Medicare provider number. All other hospitals—those with something other than a zero in the third position of their provider number, such as rehabilitation facilities or psychiatric institutions—were excluded. This year, as in the past two years, we have also excluded hospices.

In some cases, we have included data for hospitals that closed, changed ownership, or changed management either during or subsequent to FY 1990. Our data included for those institutions reflects the situation as it existed at the time the hospitalizations analyzed occurred.

Data Sources

This report is based primarily on Medicare hospital billing information for Federal fiscal years 1988, 1989, and 1990. While the principal source of the data for the analysis was the HCFA-maintained Medicare Provider Analysis and Review (MEDPAR) file, which contains information about each Medicare hospitalization, some of the information about beneficiaries, such as date of death, was obtained from the Social Security Administration. Hospitals submit bills to HCFA's fiscal intermediaries (which handle claims for the inpatient care provided to Medicare beneficiaries) which, in turn, submit this information to HCFA. The file is updated on a quarterly basis. Our analysis was based on information available following the June 1991 update of the MEDPAR file. It is estimated that by that time (nine months after the close of the fiscal year), 98 percent of all Medicare discharges in FY 1990 are included in the file.

Possible Limitations Of The Data

In any large-scale data base, such as the one dealing with Medicare hospitalizations, there will be gaps or inaccuracies. For example, last year some hospitals had not accurately reported the source or type of admission, and thus erroneous information was included in the analysis for those hospitals. However, the fact that the files contain information on about 10 million hospital admissions to nearly 6,000 hospitals for each year provides some assurance that, for purposes of the statistical analysis conducted here, the information that might be

missing or inaccurate is such a small portion of the total that it would have little effect on the results for national estimates. Nevertheless, it may substantially affect an individual hospital if it were the source of the inaccurate information.

While we feel that the information used in this analysis is thorough and complete, there are a few points to keep in mind as you review the mortality information.

The information used is billing data; it is only as good as the information submitted by hospitals as part of the payment process. Although there is always a possibility that coding errors are included, we assume that, given the link to payment, hospitals have an incentive to submit bills accurately and promptly. We do know, however, that some hospitals submitted incomplete or erroneous data.

For example, following last year's public release of the hospital mortality data, several hospitals wrote to HCFA indicating that they had submitted incorrect data. Furthermore, they stated that if they had given us the correct information, their predicted mortality rates would have been higher than those presented in HCFA's report. Therefore, in this year's report we have annotated those hospitals' data pages with a footnote stating: "This hospital says that it submitted inaccurate data to Medicare and claims that its predicted mortality rate should be higher than that presented above." At this point, however, HCFA cannot confirm the validity of those hospitals' claims. The analysis results might very well be different if the data on which they were based were submitted accurately by those hospitals.

In our previous analysis of mortality data, we discovered that some States had zero admissions from a skilled nursing facility. While some of these problems were corrected on the MEDPAR files used for this analysis, at the time this study was initiated we found empirical evidence that some of the files still contained suspect information. The suspect data were identified by noting those months (date of discharge) and fiscal intermediaries for which the type and source of admission fields appeared to be interchanged. Based on our findings, we reversed these fields to at least partially correct the remaining discrepancies. The following list shows the specific instances for which the fields were reversed for this analysis.

TYPE AND SOURCE OF ADMISSION FLIPPED

FI No.	FI Name	Dates
00030	Arizona Blue Cross	10/01/86 — 12/31/88
00080	Maryland Blue Cross/DC	06/01/87 — 09/30/87
00190	Maryland Blue Cross	06/22/87 — 12/31/88
00400	Texas Blue Cross	12/07/87 — 12/31/88

How To Use This Information

There are several key points to remember about the use of this information. **First, it is important to understand that the difference between the hospitals' mortality rates and the predicted rates in the tables in this report may not be a direct measure of the quality of care rendered in the hospitals.**

Second, the usefulness of this information depends upon the accuracy with which mortality rates can be predicted. We do not currently have any direct measurement tool with which we can fully adjust for severity of patient illness differences among hospitals. For instance, two hospitals may have very different death rates for patients admitted for stroke, even after we have adjusted for age, sex, and several other factors. This might happen because one hospital's stroke patients may consist of a significant number who are admitted in a coma (and are thus more likely to die), whereas another hospital's patient population may represent a broader spectrum of patients with cerebrovascular problems, or because these two hospitals, in fact, do provide different levels of quality of care. In addition, other factors affecting the probability of death in a particular case (e.g., family status/support, overall health status of the patient, etc.) are not included in the predictive model because information on them is not readily available.

Nevertheless, we believe that the information presented in this publication is an important contribution to the health care community and should be helpful to a wide range of individuals and organizations including consumers, hospital administrators, physicians, PROs, and researchers.

Use By Consumers — Some Key Questions

Consumers should read carefully the explanations of the uses and limitations of the information. Listed below are some questions that we recommend a consumer think about before choosing a hospital. Please keep in mind that this is not a comprehensive list, but it should serve to illustrate the types of questions that are important to consider.

- Why are the hospital's observed mortality rates for "All Causes" consistently and significantly above the predicted rates for FY 1990?

- Why are the hospital's observed mortality rates for the condition for which I need treatment or the procedure I will undergo consistently and significantly above the predicted rates for FY 1990?

- How does this hospital's pattern of mortality compare with that of other hospitals in the State and Nation?

- Is the number of cases too small to present a satisfactory picture of the hospital?

- Does the hospital treat a large number of cases in the category for which I need treatment?

- Does the hospital treat a large number of patients who have several co-existing illnesses or who otherwise are likely to be "sicker" than average?

Other Users Of This Publication

Among other users of this publication, we expect that the hospital administrator (in consultation with medical staff) will find the information most useful as a screening tool to evaluate a hospital's strengths and weaknesses. We know that some hospitals and their medical staffs, using established and newly emerging quality assessment techniques, are seeking information that will result in improved health care delivery.

Outside Assistance In Developing This Publication

The development and presentation of the Medicare Hospital Information report continues to be an important part of HCFA's responsibilities in the health care community. To make the information as accurate and useful as possible, over the past several years we have discussed the theoretical framework and statistical approach with a number of nationally recognized technical experts in appropriate fields. Based on their recommendations, we believe that the models used in these analyses continue to be reasonable and appropriate.

In the past, we have conducted validation studies of our methodology. In general, these studies have found correlation between poor quality care and hospitals whose observed mortality rates significantly exceed the rates that would have been predicted. However, we have also found that detailed clinical data which more thoroughly characterize the severity of patient's illness, while they do not materially affect results describing the general pattern of mortality, do, in specific instances, alter our assessment of the comparison of the observed to the predicted mortality rates.

The format for presentation, the process for sharing the information with individual hospitals, and the statistical methodology have been discussed at various meetings with leaders of organizations representing Medicare beneficiaries, physicians, and hospitals. Also, we have spent many months reviewing the comments received from the hospitals regarding their patient-specific data for earlier years and our previous mortality information reports. Many suggestions from these sources have been incorporated into this report.

We have carefully investigated comments from individual hospitals on apparent discrepancies or errors generated in previous years. These discrepancies rarely had an effect on a hospital's overall mortality rate. Most of these instances fell into the following two broad categories.

- **Inaccurate Date of Death** — We found that inpatient billing coding errors (e.g., a hospital bill indicating that the patient's status at time of discharge was "expired" when the patient had, in fact, left the hospital alive) created many of these errors. We now have mechanisms in place that allow a continuous update of HCFA's master file, thereby enabling us to make corrections.

- **Discrepant Case Counts** — Our analysis counts only one acute care discharge in a fiscal year; normally, hospitals count each discharge. Thus, a patient admitted three times in a year would count three times for the hospital, but only once for the purpose of analyzing Medicare hospital mortality data presented in this report.

We believe it is important for consumers of health care to have access to as much information about hospitals as possible when making health care choices. Along with hospital characteristics information, we have added this year information about the origin and length of stay of Medicare admissions. This information is presented for comparative purposes only and was not used in calculating a hospital's predicted mortality rates. These data were not part of the analyses, and any errors or discrepancies in them do not affect the predicted mortality rates.

ORIGIN OF MEDICARE ADMISSIONS

Data on the geographic origin of each hospital's patients are presented in this year's report. We obtained from the Health Insurance Master file the State and county of residence for each Medicare beneficiary discharged from a Medicare-certified, acute care hospital during FY 1990. We then compared that information with the location of the hospital to determine the percentage of all discharges where the patient lived within the same city/county as the hospital location, within the State where the hospital is located, or outside the State. The percentages are derived by dividing the number of discharges of beneficiaries in a geographic category by the total number of Medicare discharges from the hospital. Please note that these are percentages of total Medicare discharges, not of the mortality sample alone.

MEDICARE AVERAGE LENGTH OF STAY

We obtained from the MEDPAR file the total days of care—both Medicare covered and noncovered—and divided that total by the number of discharges from each hospital. Total, rather than covered, days were used because, under the Prospective Payment System (PPS), if a Medicare patient has at least one day of hospital coverage available to him in the current spell of illness, the hospital will be paid the full diagnosis related group (DRG) amount plus any approved outlier amount, regardless of the number of days actually used.

Example: Hospital A had 2,513 Medicare discharges with a total of 24,379 days.

Calculation: $\frac{24{,}379}{2{,}513} = 9.7$ days

The Medicare average length of stay is 9.7 days.

HOSPITAL CHARACTERISTICS

As noted previously, we have again included information on selected hospital characteristics such as the number of beds, occupancy rate, ownership, staffing, and specialty services. This information was obtained from the American Hospital Association's (AHA) 1990 Annual Survey of Hospitals, with the exception of the case mix index (CMI), which was derived from HCFA billing data. This file consists of information voluntarily reported by hospitals to the AHA. In instances where AHA data were unavailable, for example for hospitals that did not respond to the AHA survey, we derived the information from HCFA's Online Survey, Certification and Reporting system (OSCAR). The hospital characteristics and the specific special services listed were selected with the concurrence of the AHA as being those most meaningful to the Medicare population. Information on these specific data elements follows.

AHA Definitions (except for CMI)

Survey and Year — AHA 1990. Source is the American Hospital Association's 1990 Annual Survey of Hospital files.

Profile

Total beds (#) — Number of beds (including subacute beds), cribs, and pediatric and neonatal bassinets regularly maintained (set up, staffed, and ready for use) for inpatients as of the close of the reporting period; does not include bassinets for normal newborn infants.

Occupancy rate (percent) — Ratio of average daily census to the average number of beds (statistical beds) maintained during the 12-month reporting period. (NOTE: The number of these "statistical beds" may differ from the bed count at the close of the reporting period.)

Ownership/control — State government, local government, district/authority, church, private nonprofit, private for profit, or Federal Government.

Medicare discharges — The total number of inpatient discharges for Medicare patients for those hospitals selected for the mortality calculations, including all discharges for persons with more than one hospitalization during the year. (The mortality data include only one randomly selected discharge for each hospitalized enrollee. Therefore, this figure may reflect more discharges than the actual number of cases randomly selected for the mortality study.)

Case mix index (CMI) — A measure of the overall complexity of the Medicare cases treated by a given hospital compared to the complexity of the national average case mix. The CMI represents the relative costliness of each hospital's mix of cases compared to the national average mix of cases. A CMI of greater than one means that a hospital treats more complex cases than average. A CMI of less than one means that a hospital treats less complex cases than average. The CMI for each hospital is calculated on an annual basis. In this report, the CMI presented for each hospital is calculated based on its discharges in FY 1990.

A hospital's CMI is calculated by multiplying the number of cases in each DRG by the relative weight of that DRG, summing the products, and dividing the sum by the total number of cases for the year. For calculating the FY 1990 CMI, use the DRG relative weights published in the *Federal Register*, Volume 54, Number 169, pages 36468 ff., dated September 1, 1989.

Staffing (all AHA counts are as of 9/30/90)

Total number of physicians — Total active and associate medical staff.

Percent of physicians who are board-certified specialists — Physicians who have passed an examination given by a medical specialty board and have been certified by that board as a specialist.

Medical residents/interns — Full-time equivalent (FTE) medical residents or interns.

Registered nurses — Full-time equivalent (FTE) registered nurses.

Licensed practical nurses — Full-time equivalent (FTE) licensed practical nurses.

Specialty Services

Burn Unit — Provides more intensive care to severely burned patients than the usual acute nursing care provided in medical and surgical units. Beds must be set up and staffed in a unit specifically designated for this service.

Cardiac Intensive Care — Provides patient care of a more specialized nature than the usual medical and surgical care, on the basis of physicians' orders and approved nursing care plans. The unit is staffed with specially trained nursing personnel, and contains monitoring and specialized support or treatment equipment for patients who, because of heart seizure,

open-heart surgery, or other life-threatening conditions, require intensified, comprehensive observation and care. May include myocardial infarction, pulmonary care, and heart transplant units. Beds must be set up and staffed in a unit(s) specifically designated for this service.

Comprehensive Geriatric — Provides diagnostic and evaluation services that determine elderly patients' long-term care needs. It includes the assessment of medical conditions, functional activities, and mental and emotional conditions, and incorporates these into a treatment plan which includes family and financial concerns as well as medical needs.

Hospice Care — A program providing primarily medical relief of pain and support services to terminally ill patients and assistance to their families in adjusting to the patients' illness and death.

Medical/Surgical Intensive Care — Provides nursing care to adult and/or pediatric patients of a more intensive nature than the usual medical, surgical, pediatric, and/or psychiatric care on the basis of physicians' orders and approved nursing care plans. Included are medical-surgical, pediatric, and psychiatric (isolation) units. These units are staffed with specially trained nursing personnel, and contain monitoring and specialized support equipment for patients who, because of shock, trauma, or life-threatening conditions, require intensified, comprehensive observation and care. These units may also include cardiac care when such services are not approved in a distinct cardiac care unit. This category is called "intensive care unit" in OSCAR.

Organ/Tissue Transplant — The hospital has the necessary staff and equipment to perform the surgical removal of a viable human organ or tissue from a donor, either living or deceased, and the surgical grafting of the organ/tissue to a suitably evaluated and prepared patient.

Other Intensive Care — Provides nursing care to adult and/or pediatric patients with a specialized disease or condition of a more intensive nature than the usual medical, surgical, pediatric, and/or psychiatric care on the basis of physicians' orders and approved nursing care plans. Examples reported include oncology or spinal cord injuries. These units are staffed with specially trained nursing personnel and contain monitoring and specialized support equipment appropriate for the patients' specialized conditions.

Trauma Center — Provides emergency and specialized intensive care to critically injured patients.

Other Specialty/Hospital-Based Services

Alcohol/Drug — Hospital services for the medical care and/or rehabilitative treatment of outpatients whose primary diagnosis is alcoholism or other chemical dependency.

Rehabilitation — A unit having designated beds and providing a comprehensive array of multidisciplinary medical rehabilitation services.

Psychiatric — Care provided to emotionally disturbed, chronically mentally ill, mentally disordered, or other mentally incompetent patients on the basis of physicians' orders and approved nursing care plans. Beds must be set up and staffed in units specifically designated for this service.

Medicare Swing Beds — The hospital is certified by Medicare to provide "swing bed" services; that is, some acute care beds can be used for skilled nursing facility type care in the hospital for Medicare purposes.

OSCAR Definitions (except for CMI)

Survey and Year — HCFA, most recent year. Data were derived from the Online Survey, Certification and Reporting System (OSCAR).

Profile

Total beds (#) — Total number of operational beds eligible for Medicare payment.

Ownership/control — Church; private, nonprofit; other nonprofit; proprietary; Federal Government; State government; local government; and hospital district or authority.

Case mix index (CMI) — See definition shown in AHA "Profile" section.

Staffing

Medical residents/interns — Full-time equivalent (FTE) medical residents or interns.

Registered nurses — Full-time equivalent (FTE) registered nurses.

Licensed practical nurses — Full-time equivalent (FTE) licensed practical nurses.

Specialty Services

NOTE: There are no specific definitions of specialty services in OSCAR. Characteristics are self-reported by each hospital at initial Medicare certification and recertification, and are generally understood to parallel the explicit AHA definitions (above). The AHA categories "comprehensive geriatric" and "other intensive care" are not available in OSCAR. However, they may be included in the OSCAR category of other specialty services (not shown in table).

Coronary Care — See definition shown in AHA "Specialty Services" section.

Intensive Care Unit — See definition shown in AHA "Specialty Services" section. These units may also include other intensive care units in OSCAR reporting.

Organ Transplant — See definition shown in AHA "Organ/Tissue Transplant" section. May include tissue transplants because there is not a separate field in OSCAR for these services.

TECHNICAL INFORMATION

Data Sources

The data analyzed in this report are obtained from the Medicare Provider Analysis and Review (MEDPAR) file for the fiscal years 1987-1990, which contains information on the hospital stays of Medicare beneficiaries. The principal sources of data for this file are the bills (known as HCFA-1450 or UB-82) submitted by the hospitals to HCFA through fiscal intermediaries. The MEDPAR file also contains data about the beneficiaries, such as age, sex, and date of death, which are obtained from the Social Security Administration, the Railroad Retirement Board, or the Office of Personnel Management.

Hospital stays with discharges in fiscal years 1988, 1989, and 1990 were used in these analyses. Hospital stays in 1987 were used only to characterize the prior admissions of the patients in the 1987 cohort. Only acute care hospital stays in short-term (general and specialty) hospitals were selected. These hospitals have a "0" in the third position of their Medicare provider number. Hospital stays in institutions (designated by a "9" in the fourth position of the provider number) and hospital stays in psychiatric units, rehabilitation units, swing-beds and alcohol/drug units (with "special unit codes" of S, T, U and V, respectively, in the third position) were excluded.

The Mortality Model

For each beneficiary in each year one hospitalization was selected at random. Choosing a specific hospitalization is necessary to avoid multiple counting of the same death for that year. Selecting a random hospitalization instead of the first or last in the year produces mortality rates that are more representative of the rates that a hospital might calculate for its patients. Also, the mortality rates based on this random selection process reflect an intermediate position between the rates produced by the alternatives.

The selected hospital stays were analyzed separately by analytical category. The analytical categories were created by grouping ICD-9-CM diagnosis codes that had similar mortality patterns. The procedures for creating the analytical categories and the groups of ICD-9-CM diagnosis codes that defined them are detailed in the Technical Supplement.

The mortality experience of the patients was evaluated as a function of time within 365 days of the admission. The factors included in the mortality model used to evaluate each patient's probabilities of death are given in Table 3. They consist of demographic characteristics (age and sex), major comorbidities (chronic diseases likely to have been present at admission and believed to

complicate management and increase the likelihood of an adverse outcome), prior admissions (grouped into five risk or severity levels) within the 6 months preceding the admission evaluated, admission type (emergent, elective, etc.), and admission source (referral from the physician's office, the nursing facility, etc.). The specific reason for the admission (the principal diagnosis) and the performance of selected surgical procedures were additional factors used in the estimation of the predicted probability of death (see below).

The observed mortality rate for a hospital was calculated by means of the lifetable method ("The LIFETEST Procedure," Chapter 22, SAS User's Guide: Statistics, Version 5 Edition, pages 529-557).

ANALYTIC TECHNIQUES

A time-to-event or survival model with explanatory or concomitant variables was used to ascertain the influence of the patient characteristics listed above on the probability of death. A feature of such a model is allowance for "right censored" observations. Generally, these are events or outcomes which would have occurred but for some interference that prevents further observation. In the present analysis, "right censoring" occurs when a patient is withdrawn alive from the study April 1, 1991 or at the end of the followup period of 365 days.

The survival function, S(t), is one of several equivalent ways of expressing the model. Another form uses the cumulative distribution function or the mortality function

$$F(t) = 1 - S(t).$$

Another useful formulation of these models is the hazard function, h(t), also known as the force of mortality or risk function. The hazard is the rate of decrease in the number of survivors relative to the number of survivors at a specific time. Mathematically, the hazard function is

$$h(t) = -\frac{1}{S(t)}\frac{dS(t)}{dt} = -\frac{d\ln(S(t))}{dt}.$$

The probability density function, f(t), commonly used in statistical texts can be expressed as follows:

$$f(t) = \frac{dF(t)}{dt} = h(t)S(t).$$

The area under the survival curve is the expected value for t. In some cases, the area under the survival curve is restricted to an interval 0-t_1 where t_1 might be one year, for example.

The specific time-to-event or survival model used in the present analysis is Bailey's modification of the Makeham model. The survival function for the Bailey-Makeham model is

$$S(t) = \exp\left\{-\delta t - \left(\frac{\alpha}{\gamma}\right)(1 - \exp(-\gamma t))\right\}$$

where

$$\alpha = \exp(\alpha_0+\alpha_1 x_1+\ldots+\alpha_i x_i+\ldots+\alpha_k x_k)$$
$$\gamma = \exp(\gamma_0+\gamma_1 x_1+\ldots+\gamma_i x_i+\ldots+\gamma_k x_k)$$
$$\delta = \exp(\delta_0+\delta_1 x_1+\ldots+\delta_i x_i+\ldots+\delta_k x_k)$$

are the expressions for each of the structural parameters α, γ, and δ in terms of the k concomitant variables x_i and their associated component parameters α_i, γ_i, and δ_i for i=1, 2,..., k and three intercepts or component parameters α_0, γ_0, and δ_0. The structural parameter δ is the long-term risk which is approached as $t \rightarrow \infty$. The structural parameter α is the initial excess risk which decays with rate constant γ.

For the survival function given above, the risk or hazard function has an especially tractable form of an exponential decay which approaches a long-term risk, δ. The hazard function corresponding to the survival function above is

$$h(t) = \alpha\exp(-\gamma t) + \delta \ .$$

The estimation of the component parameters was carried out in a series of steps in which those covariates which had estimable and statistically significant ($p<0.05$) influences of the probability of death were identified for inclusion in the model. As the model for each of the 23 risk categories was estimated separately, different lists of covariates were used for the final core models.

This first step was followed by the estimation of the additional contribution of specific principal diagnoses in each risk category. In these analyses, the effects of the patient characteristics included in the core models were corrected for. Only those principal diagnoses were retained which were estimable and had more than 900 cases (more than 300 for codes identified by year). Similarly, after adjustment for the effects of both the variables in the core model and the principal diagnoses, correction terms were calculated to estimate the additional information about the probability of death associated with the categorization of the patients into the clinical groups used for the presentation of the data in the mortality tables (see below). These correction terms were negligible for the medical categories but substantial for the surgical categories.

Once the component parameters or regression coefficients α_i, γ_i, and δ_i have been estimated, the predicted probability of patient death at any specified time after admission, 1-S(t), may be calculated for all individuals. To obtain the predicted mortality rate up to a given time for a hospital, it is then only necessary to average over the predicted probabilities of death of its patients to that time.

The analytical categories are useful for grouping the patients into relatively risk-homogeneous strata for the regressions. However, to gain insights into patterns of practice at hospitals, the data are presented for patients grouped into clinically meaningful medical and surgical categories. The 17 clinical categories used in the mortality tables and defined in Table 1 were identified by the Institute of Medicine as being of particular medical and epidemiologic interest.

ESTIMATION OF THE STANDARD DEVIATION FOR PREDICTED MORTALITY

The standard deviation of the predicted mortality rate is used to assess how statistically different the observed mortality rate is from the rate predicted by the national experience with like patients. The standard deviation depends, in fact, on the variance of the residual or the difference between the observed, P, and predicted, $\hat{\Theta}$, mortality rates.

The residual has four components V_1, V_2 , V_3, and V_4 where V_1 is the variance of the estimate of the predicted probability of death. This computationally intensive term was negligible for nearly all cases, compared to other components of variance. Consequently, this term was not included in the present analysis.

V_2 is the binomial variance for n patients

$$V_2 = \frac{\hat{\Theta}\left(1 - \hat{\Theta}\right)}{n}.$$

V_3 is the variation among hospitals not explained by the mortality regression models containing the patient characteristics described above.

$$V_3 = \widehat{\mathrm{Var}(\Theta)} = \left(1 - \frac{1}{n}\right) \widehat{M_2(\Theta)}$$

where

$$\widehat{M_2(\Theta)} = \left\{ \left(\begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics and} \\ \text{adjustment for hospital effects} \end{array} \right) - \left(\begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics,} \\ \text{but omitting the hospital specific effects} \end{array} \right) \right\}^2 \left(\frac{1}{z_p^2} \right)$$

The quantity z_p corresponds to the statistical significance (p-value) of the hospital-specific effect.

V_4 is the variation not explained by the mortality regression models which each include, in addition, an indicator variable for the hospital:

$$V_4 = \left\{ \left(\text{Observed mortality} \right) - \left(\begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics, and} \\ \text{adjustment for the hospital specific effects} \end{array} \right) \right\}^2 .$$

(The regression coefficients of the indicator variable for the hospital are a measure of the influence on the probability of patient death of factors not otherwise specified in the model. These factors include severity of illness not adequately reported on by the patient characteristics deduced from the claims data and the hospital's pattern of practice; i.e., performance.)

The standard deviation given in the mortality tables is just

$$SD = \sqrt{V_2 + V_3 + V_4}.$$

Standardized Mortality Ratio (SMR)

Another method of evaluating a hospital's performance—the Standardized Mortality Ratio (SMR)—is obtained by dividing the observed mortality rate by the predicted mortality rate. An SMR of one means the observed and predicted mortality are equal. A ratio greater than one means the observed mortality exceeds the predicted. A ratio less than one means the observed mortality is less than expected. The more extreme the ratio (significantly greater than one indicating unusually high mortality and significantly less than one indicating unusually low mortality), the greater the attention which should be paid to the results of this mortality report.

For each of the conditions and procedures, selected percentiles for the observed distribution of the SMR are displayed in Table 4. The selected percentiles provide benchmarks for comparison. For example, for a hospital

with 300 cases in the "All Causes" category, with observed mortality of 12.2 percent and predicted probability of 10.0 percent at 30 days, the standardized mortality ratio is

SMR = 12.2/10.0 = 1.22.

Note that an SMR of one means the observed and predicted mortality are equal, while a ratio greater than one means the observed mortality exceeds the predicted, and a ratio less than one means the observed mortality is less than expected. There will be greater interest in the more extreme ratios, either greater than one — excessively high mortality — or less than one — extremely low mortality.

From Table 4 for FY 1990, we find that the ratio is just below the 75th percentile of 1.23. Hence, slightly under 75 percent of the hospitals have an SMR less than that found at this hospital.

However, for a hospital with 900 cases in the "All Causes" category, with observed mortality of 19.3 percent and predicted probability of 10.0 percent at 30 days, the standardized mortality ratio is

SMR = 19.3/10.0 = 1.93.

Since the SMR of 1.93 is greater than the 97.5 percentile of 1.35 (Table 4 for 750 or more cases), there is cause for concern. To further assess this, we examine the displayed data in terms of the measure of uncertainty, the standard deviation.

Measures of Uncertainty

In principle, to use the standard normal approximations to determine prediction intervals, an adjustment must be applied for the skewness and kurtosis inherent in a mortality rate when the rate is considerably less than 50 percent and the number of cases is small. Table 5 presents the multiplicative factors, based on the binomial distribution, for the standard deviation needed to construct prediction intervals for the mortality rates at confidence levels of 75, 95 and 99 percent. Because of the approximations involved in the estimation of the skewness and kurtosis corrections, their precision decreases as the number of cases and the mortality rate decrease; i.e., as the value of the correction increases. In addition, because of simplifications and approximations in the estimation of the standard deviation, the precision of the multiplicative factors given in Table 5 exceeds the precision of the estimate of the standard deviation. Hence, the following rule-of-thumb represents an adequate approximation to the factors in Table 5 and an adequate guide to the **statistical meaningfulness** of the difference between the observed and the predicted mortality rates.

To illustrate the use of Table 5, consider a hospital with 75 cases and a predicted mortality of 13.0 percent with a standard deviation of 5.0 percent. Overall, for hospitals with patients with characteristics similar to those of this hospital, we would expect the actual or observed mortality rate to lie, 95 percent of the time, either between 13.0 percent and 22.9 percent if the actual is larger than the predicted, or between 3.3 percent and 13.0 percent if the actual is less than the predicted. That is because 22.9 percent = 13.0 percent + 1.98 x 5.0 percent, the factor 1.98 having been read from the section of Table 5 with the heading "95 Percent Prediction Interval" and "Factor for Upper Bound," the row "75" for the number of cases, and, by interpolation, between the "10 percent" and the "20 percent" predicted mortality rate columns. Similarly, 3.3 percent = 13.0 percent - 1.94 x 5.0 percent, the factor -1.94 having been read from the section of Table 5 with the heading "95 Percent Prediction Interval" and "Factor for Lower Bound" and the corresponding row and columns.

Therefore, in comparing the actual and predicted rates, more attention should be given to the hospital whose observed mortality rate lies beyond the bounds calculated for the 99 percent prediction interval than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 95 percent prediction interval. Likewise, more attention should be given to that hospital than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 75 percent prediction interval.

For the graphs, the observed mortality and an approximate 95 percent prediction interval are displayed. The prediction interval has bounds at the predicted mortality plus 2 times the standard deviation and at the predicted minus 2 times the standard deviation.

In the mortality rate tables, the observed and predicted mortality rates and the standard deviation as a measure for statistical importance of the difference are displayed for the overall and each of the conditions and procedures.

HOW TO OBTAIN MEDICARE HOSPITAL INFORMATION

The publication has been widely distributed to State health organizations and hospital and medical associations. The publication is available to the public for purchase in 55 volumes, with each volume being sold separately through the Government Printing Office (GPO). More detailed information about the purchase of this publication may be obtained by contacting:

Superintendent of Documents
Government Printing Office
Washington, D.C. 20402
Telephone: (202) 783-3238

As in prior years, the information appearing in the Medicare Hospital Information report is available in machine-readable/electronic format (tape and diskette). The Medicare Hospital Information public use file provides the published information as contained in the 55-volume hardcopy publication, except that the AHA's hospital characteristics are not on this file. Hospital characteristics from HCFA files (OSCAR) are provided instead. The files contain additional information which is useful for supplemental analyses: averages by hospital, MSA, and State for each of the variables used in the model, mortality rates for 15, 30, 60, 90 and 180 days, and cross-reference files which relate State, MSA, and ICD-9-CM codes used to a name. These data should allow analysts to assess an individual hospital's performance in comparison to all hospitals in the State or applicable MSA.

Also available to **hospitals** in machine-readable format is their patient-specific data that were used in the report. These data include the patient variables used in the analysis (e.g., the number and severity level of prior hospitalizations considered by the methodology, admission source and type, etc.) and the predicted probability of death at each time interval for each individual included in the study. With these data it is possible for hospitals to better understand their statistics. **Due to confidentiality considerations, requests for patient-specific data must be forwarded on hospital letterhead, must include the institution's Medicare provider number, and must be signed by the hospital administrator.**

For information about obtaining Medicare Hospital Information electronic media data, please contact HCFA's Bureau of Data Management and Strategy at:

Health Care Financing Administration
Bureau of Data Management and Strategy
Office of Statistics and Data Management
3-A-10 Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207
Telephone: (410) 597-5151

Table 1

DIAGNOSTIC AND PROCEDURE CATEGORIES

The following lists the ICD-9-CM diagnostic and procedure codes used to classify and group patients for presentation

CONDITION/PROCEDURE	ICD-9-CM CODES *(D)=Diagnosis code* *(P)=Procedure code*
Heart Disorders/Procedures	
Acute Myocardial Infarction (AMI)	All of 410 (D) (on 10/1/89 exclude 410 with 5th digit of a 2)
Note: *For code 410 a 5th digit was added on October 1, 1989.*	
Congestive Heart Failure (CHF)	398.91, 402.01, 402.11, 402.91, 428.0, 428.1, 428.9 (all D)
Angioplasty (ANGPLSTY)	All of 36.0 (P) excluding 36.00, 36.03, 36.04, 36.09 (all P)
Note: *Code 36.0 had a 4th digit added on October 1, 1986. Code 36.0 got digits of 0, 1, 2, 3, and 9, and code 36.04 got some previously coded cases of 39.97. On October 1, 1987, code 36.01 was divided into 36.01 and 36.05, and some cases from 36.02 were put into 36.05.*	
Coronary Artery Bypass Graft (CABG)	All of 36.1(P) and not Angioplasty (see above)
Pacemaker Insertion, Initial (PACE)	37.73, 37.74, 37.75, 37.77 (after 10/1/87 use 37.70 through 37.73) (all P)
Note: *Code 37.70 was restructured on October 1, 1987. Previously the code contained both leads and devices. On October 1 these were separated and devices were coded as 37.80 through 37.83, and codes for the leads were changed into various 37.70 codes.*	

CONDITION/PROCEDURE	ICD-9-CM CODES *(D)=Diagnosis code* *(P)=Procedure code*
Pulmonary Disorders	
Pneumonia/Influenza (PNU)	All of 480, all of 481, 482.2, 482.3, 482.9, 483, 485, 486, 487.0 (all D)
Chronic Obstructive Pulmonary (COPD)	All of 491, all of 492, all of 494, Disease all of 496; and 466.0, 518.82, 518.5, and 786.09 when there is a secondary diagnosis of any 496 (all D)

Note: *Code 518.8 got a 5th digit on October l, 1987. Some cases from 799.1 were put into codes 518.81 and 518.82.*

Cerebrovascular Disorders/Procedures	
Transient Cerebral Ischemia (TCI)	433.1, 433.3, 435 (D) and exclude those patients with an endarterectomy at the time of admission—38.12(P)
Stroke (STK)	431, 434 through 434.9, 436 (all D)
Carotid Endarterectomy (ENDART)	38.12 (P) with 433.1 (D); 433.3 (D) or 435(D) as a principal diagnosis
Musculoskeletal Disorders/Procedures	
Fracture of Neck of Femur (FXHIP)	All of 820 (D)
Hip Replacement/Revision (HIPREP)	81.5, 81.6 (exclude 81.69) (all P). On 10/1/89 code 81.51 (P) through 81.53 (P) with same diagnoses.
Open Reduction of Fractured Femur (OPRDUX)	79.35(P) on condition of 820 (D) as principal diagnosis

CONDITION/PROCEDURE	ICD-9-CM CODES *(D)=Diagnosis code* *(P)=Procedure code*
Genitourinary Disorders/Procedures	
Prostatectomy (PROS)	60.2, 60.3 through 60.69 (all P)
Hysterectomy (HYS)	68.3 through 68.7 (P)
Gastrointestinal Disorders/Procedures	
Cholecystectomy (CHOLOTMY)	51.22 (P)
Sepsis	
Sepsis	003.1, 020.2, 022.3, 036.2, 036.3, 036.89, 036.9, 038.0, 038.1, 038.2, 038.3, 038.40, 038.41, 038.42, 038.43, 038.44, 038.49, 038.8, 038.9, 054.5

Table 2

COMORBIDITY CONDITIONS

(all are D codes)

COMORBIDITY	ICD-9-CM CODES
Cancer	141-160.9, 162-172.9, 174-208.91
Chronic cardiovascular disease	412-414.9, 426-429.1
Chronic liver disease	571-572.8
Chronic renal disease	582-583.9, 585-587, 403.01, 403.11, 403.91, 404.02, 404.03, 404.12, 404.13, 404.92, 404.93
Chronic diabetes	250.01, 250.1-250.91
Chronic pulmonary disease	491-493.91, 496
Cerebrovascular degeneration	290-290.9, 294-299.9

Table 3

EXPLANATORY VARIABLES FOR THE MORTALITY MODEL

Generally the same variables are used for all diagnostic categories.

Demographics

SXFM — An indicator variable: = 1 if Female, 0 otherwise

AGEFM = AGESP if SXFM = 1, 0 otherwise
AGEML = AGESP if SXFM = 0, 0 otherwise

where

$$AGESP = \text{sign}(W-65)\left(\left|\frac{W-65}{65}\right|\right)^{1.44}$$

and

$$W = \left\{ \begin{array}{c} 23 \text{ if } AGE \leq 23 \\ AGE \text{ if } 23 < AGE < 100 \\ 100 \text{ if } 100 \leq AGE \end{array} \right\}$$

Comorbidities		**ICD-9-CM Codes**
(Indicator variables = 1 if comorbidity present on current or prior admission with discharge within 6 months prior to current admission, 0 otherwise)		
CCA	Cancer	141-160.9, 162-172.9, 174-208.91
CCV	Chronic cardiovascular disease	412-414.9, 426-429.1
CLV	Chronic liver disease	571-572.8
CRN	Chronic renal disease	582-583.9, 585-587, 403.01, 403.11, 403.91, 404.02, 404.03, 404.12, 404.13, 404.92, 404.93
CDI	Chronic diabetes	250.01, 250.1-250.91
COP	Chronic pulmonary disease	491-493.91, 496
CCE	Cerebrovascular degeneration	290-290.9, 294-299.9

Co Occurrence of Comorbidities

COP_CCV	1 if COP = 1 and CCV = 1, 0 otherwise
CCA_CCV	1 if CCA = 1 and CCV = 1, 0 otherwise
COP_CCA	1 if COP = 1 and CCA = 1, 0 otherwise
CCE_CCV	1 if CCE = 1 and CCV = 1, 0 otherwise
CRN_CCV	1 if CRN = 1 and CCV = 1, 0 otherwise

Admission Sources and Types

(Indicator variables = 1 if source or type present, 0 otherwise)

PREF	Patient referred by personal or HMO physician
TRSNF	Patient transferred from skilled nursing facility
ELCT	Patient admitted for elective procedure
EMRG	Patient admitted for emergency

Co-Occurrence of Admission Source and Type

PREF_ELEC = 1 if PREF = 1 and ELCT = 1, 0 otherwise

Previous Hospitalizations

P_RISK1	Number at 1st risk level with 3 or more set to 3
P_RISK2	Number at 2nd risk level with 3 or more set to 3
P_RISK3	Number at 3rd risk level with 3 or more set to 3
P_RISK4	Number at 4th risk level with 4 or more set to 4
P_RISK5	Number at 5th risk level with 3 or more set to 3
F(T)	Probability of death from previous admission if discharge within 182 days of current admission, 0 otherwise

Time Trend

FLAG89	1 if discharge in FY1989, 0 otherwise
FLAG90	1 if discharge in FY1990, 0 otherwise
INYEAR	Difference between current admission date and April 1 of fiscal year of discharge

TABLE 4
SMR DISTRIBUTION FOR HOSPITALS WITH GREATER THAN 50 CASES
1990 STUDY, FY1990

CONDITIONS/PROCEDURES	NUMBER OF HOSPITALS	30 DAYS					90 DAYS					180 DAYS				
		2.5%	25%	50%	75%	97.5%	2.5%	25%	50%	75%	97.5%	2.5%	25%	50%	75%	97.5%
OVERALL(< 750 CASES)	2645	0.45	0.88	1.04	1.23	1.72	0.56	0.90	1.03	1.17	1.54	0.61	0.90	1.02	1.15	1.46
OVERALL(>= 750 CASES)	2684	0.73	0.91	0.99	1.09	1.35	0.79	0.94	1.01	1.09	1.28	0.82	0.94	1.01	1.08	1.24
CONDITIONS																
AMI	1405	0.54	0.80	0.95	1.11	1.42	0.62	0.86	0.99	1.14	1.44	0.63	0.86	0.99	1.13	1.39
CHF	2335	0.43	0.79	0.98	1.17	1.64	0.60	0.85	0.99	1.13	1.49	0.66	0.89	1.00	1.13	1.41
PNEUMONIA/INFLUENZA	2428	0.41	0.78	0.97	1.18	1.68	0.53	0.84	1.00	1.17	1.55	0.57	0.86	1.01	1.16	1.50
COPD	435	0.00	0.63	0.97	1.34	2.06	0.30	0.78	1.02	1.26	1.74	0.40	0.82	1.01	1.24	1.69
TRANS. CEREBRAL ISCHEMIA	404	0.00	0.00	0.83	1.34	3.20	0.00	0.48	0.85	1.31	2.27	0.21	0.60	0.90	1.21	2.05
STROKE	1789	0.53	0.79	0.95	1.13	1.56	0.61	0.84	0.98	1.13	1.47	0.65	0.87	0.99	1.12	1.42
HIP FRACTURE	1199	0.21	0.67	0.93	1.27	2.10	0.40	0.76	0.94	1.19	1.80	0.47	0.78	0.97	1.16	1.64
SEPSIS	254	0.51	0.79	0.96	1.12	1.50	0.65	0.86	0.99	1.13	1.47	0.69	0.89	1.01	1.15	1.44
PROCEDURES																
ANGIOPLASTY	425	0.00	0.49	0.89	1.33	2.66	0.00	0.60	0.93	1.36	2.34	0.00	0.63	0.97	1.34	2.14
CABG	556	0.20	0.68	1.03	1.39	2.45	0.28	0.73	1.00	1.32	2.09	0.28	0.73	1.01	1.30	2.10
PACEMAKER	112	0.00	0.41	0.72	1.37	3.25	0.20	0.61	0.90	1.21	2.17	0.21	0.65	0.84	1.16	1.87
CAROTID ENDARTERECTOMY	73	0.00	0.00	0.85	1.33	2.90	0.00	0.14	0.74	1.28	2.43	0.00	0.42	0.86	1.38	2.86
HIP REPLACEMENT	763	0.00	0.53	0.94	1.44	2.77	0.19	0.67	0.96	1.31	2.12	0.26	0.71	0.94	1.26	1.91
REDUCT. OF HIP FRACTURE	276	0.00	0.56	0.86	1.22	2.05	0.31	0.68	0.92	1.19	1.76	0.38	0.77	0.96	1.12	1.58
PROSTATECTOMY	1576	0.00	0.00	0.73	1.57	3.56	0.00	0.49	0.91	1.40	2.63	0.00	0.57	0.92	1.29	2.21
CHOLECYSTECTOMY	714	0.00	0.49	0.95	1.54	2.68	0.00	0.62	0.93	1.37	2.22	0.22	0.67	0.98	1.27	1.93
HYSTERECTOMY	113	0.00	0.00	0.00	2.00	6.69	0.00	0.00	0.76	1.70	3.59	0.00	0.24	0.75	1.27	2.91

TABLE 4
SMR DISTRIBUTION FOR HOSPITALS WITH GREATER THAN 50 CASES
1990 STUDY, FY1989

CONDITIONS/PROCEDURES	NUMBER OF HOSPITALS	30 DAYS					90 DAYS					180 DAYS				
		2.5%	25%	50%	75%	97.5%	2.5%	25%	50%	75%	97.5%	2.5%	25%	50%	75%	97.5%
OVERALL(< 750 CASES)	2746	0.50	0.87	1.04	1.23	1.73	0.58	0.89	1.03	1.17	1.54	0.61	0.89	1.01	1.14	1.44
OVERALL(>= 750 CASES)	2669	0.71	0.90	1.00	1.09	1.35	0.79	0.94	1.01	1.08	1.28	0.82	0.95	1.01	1.07	1.24
CONDITIONS																
AMI	1412	0.53	0.81	0.96	1.12	1.47	0.59	0.86	1.01	1.15	1.47	0.63	0.87	1.00	1.14	1.43
CHF	2293	0.47	0.80	0.97	1.18	1.69	0.58	0.86	1.00	1.14	1.48	0.66	0.89	1.02	1.14	1.40
PNEUMONIA/INFLUENZA	2179	0.45	0.77	0.97	1.19	1.67	0.54	0.85	1.01	1.18	1.55	0.60	0.86	1.02	1.18	1.51
COPD	324	0.21	0.68	0.99	1.32	2.13	0.44	0.78	1.04	1.27	1.91	0.49	0.84	1.04	1.24	1.66
TRANS. CEREBRAL ISCHEMIA	420	0.00	0.00	0.79	1.41	3.26	0.00	0.46	0.88	1.33	2.36	0.18	0.60	0.92	1.25	1.97
STROKE	1728	0.53	0.80	0.95	1.12	1.56	0.62	0.85	0.97	1.11	1.46	0.67	0.88	0.99	1.13	1.40
HIP FRACTURE	1126	0.24	0.67	0.95	1.30	2.04	0.39	0.75	0.98	1.21	1.71	0.46	0.78	0.97	1.18	1.59
SEPSIS	174	0.52	0.79	0.94	1.10	1.52	0.63	0.88	1.02	1.15	1.46	0.68	0.93	1.05	1.16	1.43
PROCEDURES																
ANGIOPLASTY	370	0.00	0.46	0.84	1.35	2.55	0.00	0.55	0.88	1.33	2.52	0.00	0.61	0.94	1.32	2.44
CABG	501	0.21	0.65	1.00	1.47	2.57	0.23	0.69	1.00	1.33	2.29	0.32	0.74	1.01	1.33	2.21
PACEMAKER	91	0.00	0.52	0.74	1.12	2.31	0.00	0.56	0.83	1.15	2.14	0.20	0.68	0.81	1.16	1.87
CAROTID ENDARTERECTOMY	55	0.00	0.00	0.82	1.51	5.01	0.00	0.47	0.86	1.31	4.00	0.00	0.43	0.85	1.28	3.12
HIP REPLACEMENT	686	0.00	0.52	0.92	1.44	2.46	0.00	0.65	0.94	1.27	1.95	0.21	0.67	0.94	1.19	1.75
REDUCT. OF HIP FRACTURE	246	0.19	0.57	0.91	1.23	1.96	0.31	0.71	0.96	1.19	1.74	0.41	0.78	0.96	1.13	1.53
PROSTATECTOMY	1570	0.00	0.00	0.67	1.50	3.46	0.00	0.47	0.86	1.36	2.67	0.00	0.58	0.93	1.28	2.15
CHOLECYSTECTOMY	680	0.00	0.53	0.94	1.53	2.90	0.00	0.62	0.97	1.36	2.15	0.22	0.66	0.95	1.26	1.98
HYSTERECTOMY	101	0.00	0.00	0.00	1.80	5.44	0.00	0.00	0.78	1.60	4.21	0.00	0.00	0.91	1.38	2.99

TABLE 4
SMR DISTRIBUTION FOR HOSPITALS WITH GREATER THAN 50 CASES
1990 STUDY, FY1988

CONDITIONS/PROCEDURES	NUMBER OF HOSPITALS	30 DAYS					90 DAYS					180 DAYS				
		2.5%	25%	50%	75%	97.5%	2.5%	25%	50%	75%	97.5%	2.5%	25%	50%	75%	97.5%
OVERALL(< 750 CASES)	2838	0.46	0.89	1.05	1.23	1.75	0.54	0.90	1.03	1.16	1.57	0.59	0.90	1.02	1.14	1.45
OVERALL(>= 750 CASES)	2693	0.73	0.90	1.00	1.10	1.35	0.79	0.94	1.01	1.09	1.27	0.82	0.95	1.01	1.08	1.24
CONDITIONS																
AMI	1414	0.56	0.82	0.96	1.12	1.41	0.63	0.87	1.01	1.14	1.42	0.65	0.89	1.00	1.13	1.39
CHF	2246	0.45	0.79	0.97	1.18	1.61	0.60	0.86	1.00	1.14	1.43	0.68	0.90	1.02	1.13	1.37
PNEUMONIA/INFLUENZA	2069	0.44	0.79	0.97	1.17	1.68	0.57	0.85	1.01	1.17	1.59	0.61	0.87	1.01	1.16	1.53
COPD	310	0.21	0.67	0.92	1.30	2.17	0.39	0.79	0.98	1.20	1.81	0.51	0.82	0.99	1.19	1.59
TRANS. CEREBRAL ISCHEMIA	495	0.00	0.00	0.84	1.48	2.94	0.00	0.48	0.92	1.39	2.28	0.21	0.60	0.92	1.27	1.92
STROKE	1726	0.51	0.79	0.95	1.12	1.56	0.60	0.84	0.98	1.13	1.44	0.64	0.88	1.00	1.13	1.42
HIP FRACTURE	1119	0.24	0.65	0.96	1.27	2.07	0.40	0.78	0.98	1.21	1.77	0.47	0.80	0.98	1.17	1.64
SEPSIS	133	0.58	0.77	0.92	1.08	1.64	0.56	0.86	1.00	1.13	1.54	0.67	0.88	1.02	1.14	1.53
PROCEDURES																
ANGIOPLASTY	297	0.00	0.50	0.87	1.35	2.60	0.00	0.59	0.91	1.34	2.50	0.00	0.65	0.95	1.31	2.25
CABG	478	0.21	0.68	0.98	1.39	2.40	0.32	0.73	1.00	1.36	2.12	0.38	0.75	1.01	1.31	2.04
PACEMAKER	83	0.00	0.34	0.65	1.04	1.75	0.01	0.54	0.85	1.03	1.70	0.23	0.69	0.87	1.10	1.57
CAROTID ENDARTERECTOMY	69	0.00	0.00	0.60	1.23	3.30	0.00	0.33	0.62	1.09	2.50	0.00	0.44	0.68	1.16	1.87
HIP REPLACEMENT	670	0.00	0.49	0.95	1.40	2.65	0.00	0.66	1.01	1.31	2.15	0.24	0.70	0.96	1.24	1.87
REDUCT. OF HIP FRACTURE	259	0.00	0.61	0.91	1.26	2.16	0.38	0.74	0.96	1.21	1.94	0.44	0.77	0.96	1.16	1.79
PROSTATECTOMY	1619	0.00	0.00	0.78	1.53	3.69	0.00	0.54	0.92	1.39	2.57	0.00	0.61	0.93	1.30	2.21
CHOLECYSTECTOMY	642	0.00	0.50	0.96	1.44	3.04	0.00	0.61	0.96	1.36	2.26	0.25	0.66	0.96	1.27	2.01
HYSTERECTOMY	90	0.00	0.00	0.00	1.57	5.00	0.00	0.00	0.68	1.43	2.83	0.00	0.28	0.67	1.15	2.88

TABLE 5: MULTIPLICATIVE FACTORS FOR THE CALCULATION OF THE BOUNDS FOR PREDICTION INTERVALS

(n is the number of cases at your hospital and p is the predicted mortality rate)

	99% Prediction Interval					95% Prediction Interval					75% Prediction Interval				
	Factor for Upper Bound					Factor for Upper Bound					Factor for Upper Bound				
p	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%
n															
25	2.95	2.73	2.68	2.63	2.59	2.15	2.04	2.01	1.99	1.97	1.17	1.16	1.16	1.15	1.15
50	2.76	2.65	2.63	2.60	2.58	2.05	2.00	1.99	1.97	1.96	1.16	1.15	1.15	1.15	1.15
75	2.70	2.63	2.61	2.59	2.58	2.02	1.99	1.98	1.97	1.96	1.16	1.15	1.15	1.15	1.15
100	2.67	2.61	2.60	2.59	2.58	2.01	1.98	1.97	1.97	1.96	1.16	1.15	1.15	1.15	1.15
150	2.64	2.60	2.59	2.59	2.58	1.99	1.97	1.97	1.96	1.96	1.15	1.15	1.15	1.15	1.15
200	2.62	2.60	2.59	2.58	2.58	1.98	1.97	1.97	1.96	1.96	1.15	1.15	1.15	1.15	1.15
300	2.61	2.59	2.58	2.58	2.58	1.98	1.97	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
400	2.60	2.59	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
500	2.59	2.58	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
750	2.59	2.58	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
1000	2.59	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
2000	2.58	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
5000	2.58	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
	Factor for Lower Bound					Factor for Lower Bound					Factor for Lower Bound				
p	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%
n															
25	-2.21	-2.42	-2.48	-2.52	-2.56	-1.77	-1.88	-1.91	-1.93	-1.95	-1.13	-1.14	-1.14	-1.15	-1.15
50	-2.39	-2.50	-2.53	-2.55	-2.57	-1.87	-1.92	-1.93	-1.95	-1.96	-1.14	-1.15	-1.15	-1.15	-1.15
75	-2.45	-2.52	-2.54	-2.56	-2.57	-1.90	-1.93	-1.94	-1.95	-1.96	-1.14	-1.15	-1.15	-1.15	-1.15
100	-2.48	-2.54	-2.55	-2.56	-2.57	-1.91	-1.94	-1.95	-1.95	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
150	-2.51	-2.55	-2.56	-2.57	-2.57	-1.93	-1.95	-1.95	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
200	-2.53	-2.56	-2.56	-2.57	-2.57	-1.94	-1.95	-1.95	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
300	-2.54	-2.56	-2.57	-2.57	-2.57	-1.94	-1.95	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
400	-2.55	-2.57	-2.57	-2.57	-2.57	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
500	-2.56	-2.57	-2.57	-2.57	-2.58	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
750	-2.56	-2.57	-2.57	-2.57	-2.58	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
1000	-2.57	-2.57	-2.57	-2.57	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
2000	-2.57	-2.57	-2.57	-2.58	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
5000	-2.57	-2.58	-2.58	-2.58	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15

Medicare Hospital Information

ARKANSAS METHODIST HOSPITAL

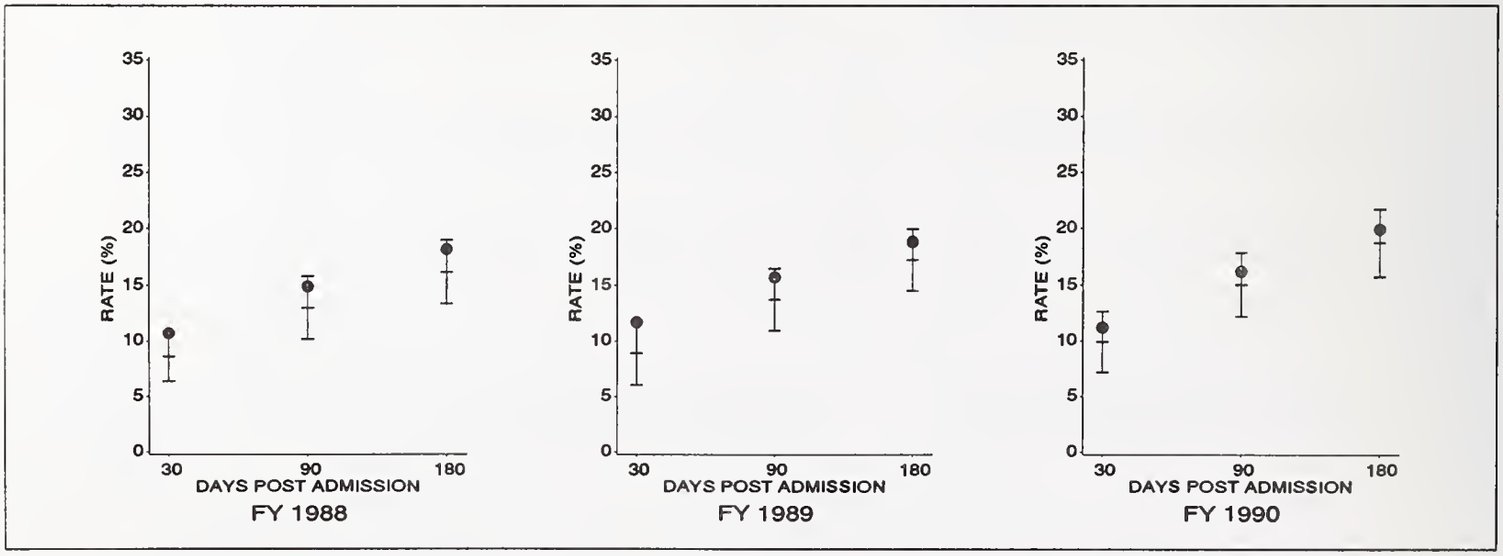
900 W KINGS HIGHWAY
PARAGOULD, AR 72450
Medicare Provider Number: 040039

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1078	11.2	9.9	1.4	16.2	15.0	1.4	19.9	18.7	1.5
CONDITIONS:										
Acute Myocardial Infarction	26	42.3	28.3	-----	46.2	31.6	-----	50.0	34.5	-----
Congestive Heart Failure	88	13.6	15.5	4.2	28.4	24.3	5.7	31.8	30.5	7.3
Pneumonia/Influenza	57	14.0	15.8	5.3	17.5	21.8	7.2	19.3	25.7	9.0
Chronic Obstructive Pulmonary Disease	29	3.4	5.6	-----	13.8	10.3	-----	17.2	14.3	-----
Transient Cerebral Ischemia	34	0.0	2.2	-----	0.0	5.0	-----	5.9	8.0	-----
Stroke	44	29.5	21.4	-----	31.8	28.1	-----	34.1	32.6	-----
Hip Fracture	23	13.0	6.8	-----	17.4	11.7	-----	17.4	15.0	-----
Sepsis	20	40.0	33.2	-----	50.0	44.1	-----	55.0	49.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	1.2	-----	0.0	2.4	-----	0.0	3.6	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	5.0	-----	14.3	9.6	-----	14.3	13.1	-----
Open Reduction of Hip Fracture	16	12.5	6.6	-----	18.8	11.6	-----	18.8	14.8	-----
Prostatectomy	6	0.0	1.4	-----	0.0	3.1	-----	0.0	5.3	-----
Cholecystectomy	33	6.1	2.2	-----	9.1	4.3	-----	9.1	6.0	-----
Hysterectomy	11	9.1	1.6	-----	9.1	3.4	-----	18.2	5.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ARKANSAS METHODIST HOSPITAL
Medicare Provider Number: 040039

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.3 years
Proportion female	57.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	42.9 %
Transferred from skilled nursing facility	0.4 %
Admitted for elective procedure	0.0 %
Admitted for emergency	0.7 %

COMORBIDITIES:

Cancer	6.5 %
Chronic cardiovascular disease	35.2 %
Chronic liver disease	1.3 %
Chronic renal disease	2.9 %
Chronic pulmonary disease	16.7 %
Cerebrovascular degeneration	1.6 %
Diabetes mellitus	10.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	66.5%
State	22.3%
Outside State	11.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.4 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	129
Occupancy Rate	42.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	45.3 %
Case Mix Index (CMI)	1.0738

STAFFING:

Total Number of Physicians	24
Percent of Physicians Board Certified Specialists	75.0 %
Medical Residents/Interns	0
Registered Nurses	50
Licensed Practical Nurses	71

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

ASHLEY MEMORIAL HOSPITAL

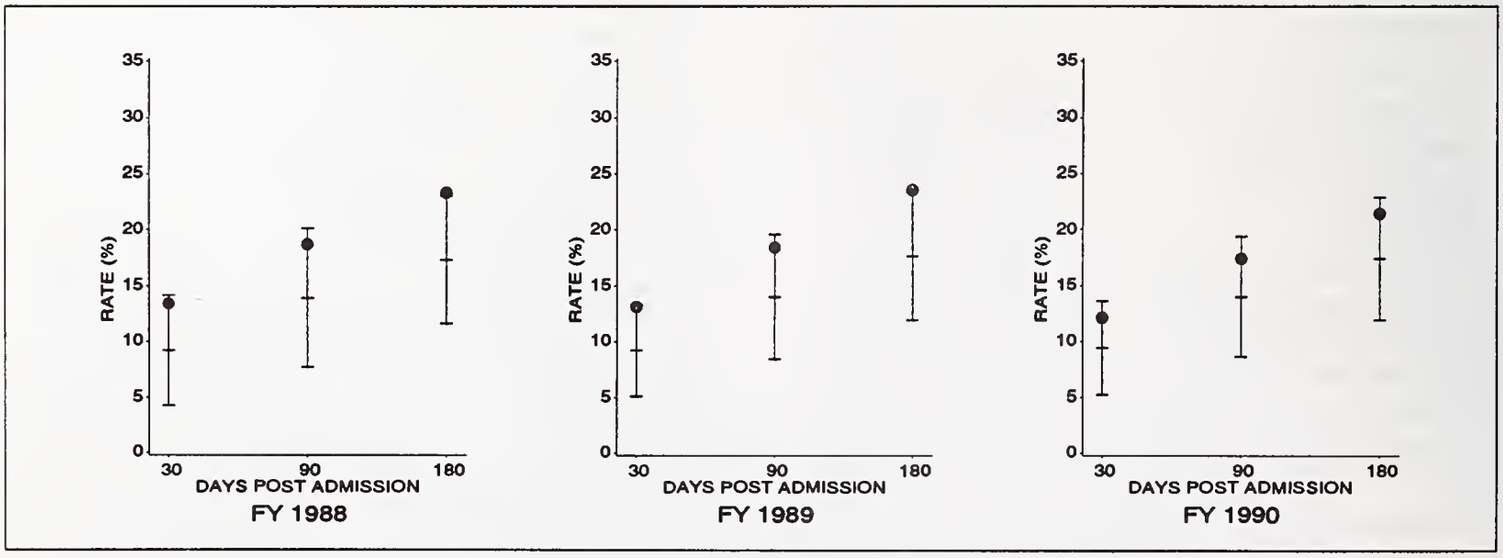
400 MAIN STREET
CROSSETT, AR 71635
Medicare Provider Number: 040024

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	420	12.1	9.4	2.1	17.4	14.0	2.7	21.4	17.4	2.7
CONDITIONS:										
Acute Myocardial Infarction	13	53.8	29.2	-----	53.8	32.8	-----	61.5	35.9	-----
Congestive Heart Failure	25	20.0	15.6	-----	32.0	25.2	-----	40.0	31.9	-----
Pneumonia/Influenza	35	8.6	12.9	-----	11.4	17.8	-----	11.4	21.3	-----
Chronic Obstructive Pulmonary Disease	4	0.0	3.4	-----	0.0	6.6	-----	0.0	10.1	-----
Transient Cerebral Ischemia	14	14.3	1.9	-----	14.3	4.6	-----	21.4	7.9	-----
Stroke	25	44.0	21.5	-----	60.0	28.1	-----	72.0	32.5	-----
Hip Fracture	1	0.0	3.4	-----	0.0	6.1	-----	0.0	8.7	-----
Sepsis	6	33.3	21.6	-----	50.0	28.3	-----	50.0	31.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	4.2	-----	0.0	8.4	-----	0.0	11.9	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ASHLEY MEMORIAL HOSPITAL
Medicare Provider Number: 040024

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.6 years
Proportion female	60.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	34.5 %
Transferred from skilled nursing facility	1.0 %
Admitted for elective procedure	0.5 %
Admitted for emergency	3.8 %

COMORBIDITIES:

Cancer	2.6 %
Chronic cardiovascular disease	20.7 %
Chronic liver disease	1.0 %
Chronic renal disease	3.1 %
Chronic pulmonary disease	9.5 %
Cerebrovascular degeneration	1.4 %
Diabetes mellitus	9.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	95.9%
State	2.4%
Outside State	1.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.3 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	38
Occupancy Rate	52.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	0.9549

STAFFING:

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

BAPTIST MEDICAL CENTER

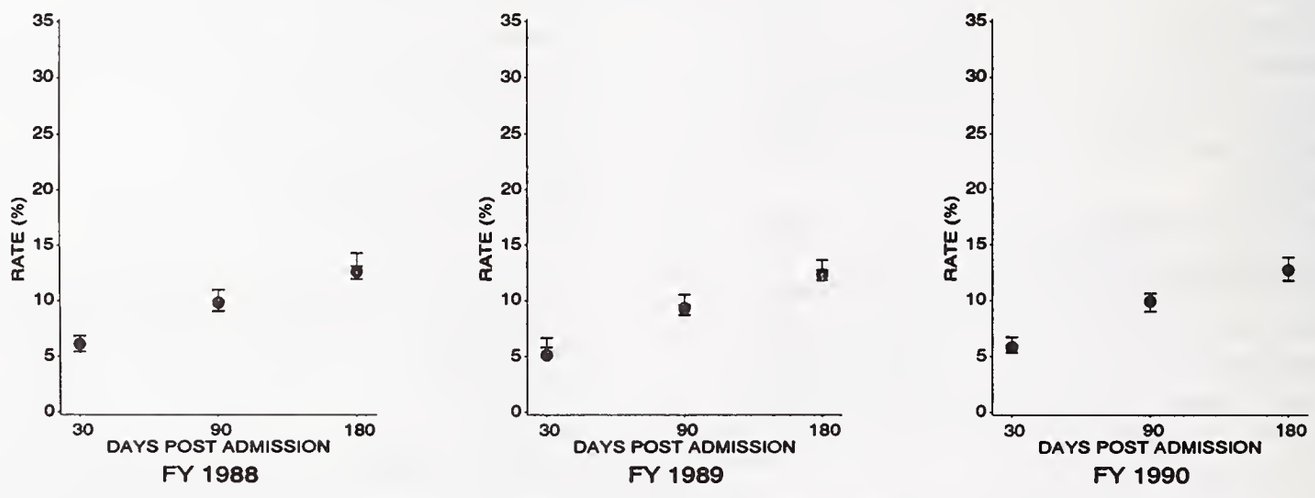
9601 INTERSTATE 630 EXIT 7
LITTLE ROCK, AR 72201
Medicare Provider Number: 040114

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	5894	5.8	6.0	0.4	9.9	9.8	0.4	12.7	12.8	0.5
CONDITIONS:										
Acute Myocardial Infarction	129	17.8	22.4	5.6	21.7	25.2	5.1	22.5	27.6	5.1
Congestive Heart Failure	171	14.0	12.9	3.0	23.4	21.0	4.6	31.0	27.0	5.8
Pneumonia/Influenza	82	13.4	13.4	4.0	17.1	18.6	5.0	17.1	22.1	5.3
Chronic Obstructive Pulmonary Disease	82	4.9	4.9	3.1	12.2	9.2	5.3	17.1	12.7	6.6
Transient Cerebral Ischemia	76	1.3	1.0	1.3	1.3	2.3	1.9	2.6	3.9	2.6
Stroke	145	11.0	15.2	3.6	17.2	21.3	4.0	19.3	25.1	4.5
Hip Fracture	133	7.5	4.8	3.7	10.5	8.8	4.1	13.5	11.8	4.1
Sepsis	45	26.7	19.7	-----	40.0	28.8	-----	40.0	34.1	-----
PROCEDURES:										
Angioplasty	137	2.2	2.3	1.3	2.9	3.1	1.5	4.4	4.0	1.8
Coronary Artery Bypass Graft	387	5.2	5.5	1.4	7.0	7.8	1.8	8.3	8.8	2.2
Initial Pacemaker Insertion	77	2.6	1.9	1.7	2.6	4.0	2.7	3.9	6.0	4.1
Carotid Endarterectomy	87	0.0	1.1	1.8	2.3	2.1	1.8	3.4	3.2	2.5
Hip Replacement/Reconstruction	93	5.4	1.7	3.1	6.5	3.3	3.8	7.5	4.5	4.0
Open Reduction of Hip Fracture	55	7.3	5.0	4.0	9.1	9.4	4.4	10.9	12.5	4.9
Prostatectomy	130	0.0	0.7	1.2	0.8	1.8	1.9	2.3	3.2	2.4
Cholecystectomy	106	2.8	2.0	2.3	3.8	3.8	3.8	5.7	5.2	4.0
Hysterectomy	30	0.0	0.2	-----	0.0	0.4	-----	0.0	0.6	-----

* The Standard Deviation (SD) Is not calculated If the number of deaths or cases Is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BAPTIST MEDICAL CENTER
Medicare Provider Number: 040114

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	72.2 years
Proportion female	54.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	64.1 %
Transferred from skilled nursing facility	0.6 %
Admitted for elective procedure	68.3 %
Admitted for emergency	0.6 %

COMORBIDITIES:

Cancer	8.3 %
Chronic cardiovascular disease	31.3 %
Chronic liver disease	0.7 %
Chronic renal disease	2.3 %
Chronic pulmonary disease	9.3 %
Cerebrovascular degeneration	2.6 %
Diabetes mellitus	4.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	34.2%
State	63.7%
Outside State	2.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.7 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	697
Occupancy Rate	73.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	41.1 %
Case Mix Index (CMI)	1.6706

STAFFING:

Total Number of Physicians	323
Percent of Physicians Board Certified Specialists	77.4 %
Medical Residents/Interns	0
Registered Nurses	706
Licensed Practical Nurses	234

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	Yes

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

* Not used in calculating mortality rates

BAPTIST MEDICAL CENTER ARKADELPHIA

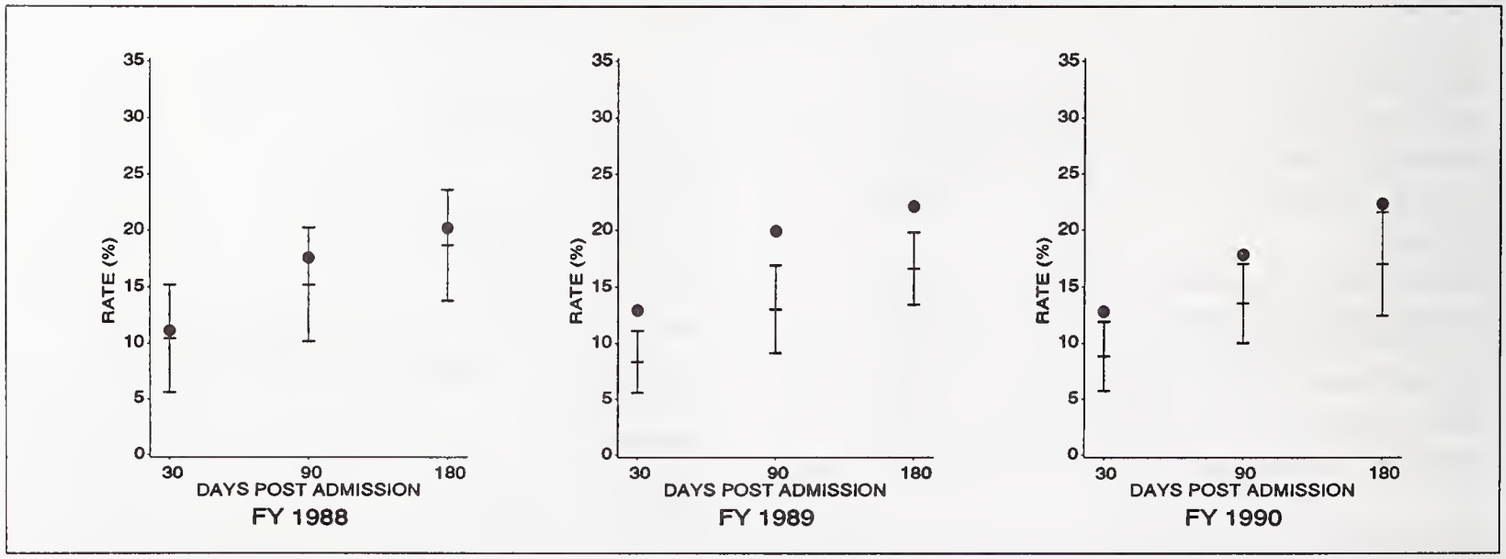
3050 TWIN RIVERS DRIVE
ARKADELPHIA, AR 71923
Medicare Provider Number: 040066

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	656	12.8	8.8	1.6	17.8	13.5	1.8	22.3	17.0	2.3
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	24.6	-----	45.5	27.7	-----	45.5	29.9	-----
Congestive Heart Failure	40	22.5	13.2	-----	27.5	20.9	-----	35.0	27.0	-----
Pneumonia/Influenza	59	16.9	15.1	5.8	20.3	21.2	6.4	27.1	25.1	7.0
Chronic Obstructive Pulmonary Disease	10	0.0	6.1	-----	20.0	10.4	-----	30.0	14.2	-----
Transient Cerebral Ischemia	7	0.0	1.4	-----	0.0	3.5	-----	14.3	6.2	-----
Stroke	16	25.0	13.5	-----	37.5	20.0	-----	37.5	24.1	-----
Hip Fracture	7	0.0	5.9	-----	0.0	9.7	-----	0.0	12.7	-----
Sepsis	9	55.6	29.4	-----	66.7	35.5	-----	66.7	39.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	3.6	-----	0.0	5.9	-----	0.0	7.7	-----
Open Reduction of Hip Fracture	3	0.0	3.7	-----	0.0	6.9	-----	0.0	9.6	-----
Prostatectomy	0									
Cholecystectomy	12	0.0	1.9	-----	0.0	3.3	-----	0.0	4.3	-----
Hysterectomy	2	0.0	0.0	-----	0.0	0.1	-----	0.0	0.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BAPTIST MEDICAL CENTER ARKADELPHIA

Medicare Provider Number: 040066

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.1 years
Proportion female	61.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	41.3 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	1.1 %
Admitted for emergency	0.2 %

COMORBIDITIES:

Cancer	5.8 %
Chronic cardiovascular disease	27.0 %
Chronic liver disease	0.2 %
Chronic renal disease	1.7 %
Chronic pulmonary disease	8.8 %
Cerebrovascular degeneration	4.7 %
Diabetes mellitus	5.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	75.3%
State	23.0%
Outside State	1.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.8 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	57
Occupancy Rate	45.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	50.5 %
Case Mix Index (CMI)	0.9369

STAFFING:

Total Number of Physicians	16
Percent of Physicians Board Certified Specialists	68.8 %
Medical Residents/Interns	0
Registered Nurses	34
Licensed Practical Nurses	20

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

BAPTIST MEMORIAL HOSPITAL

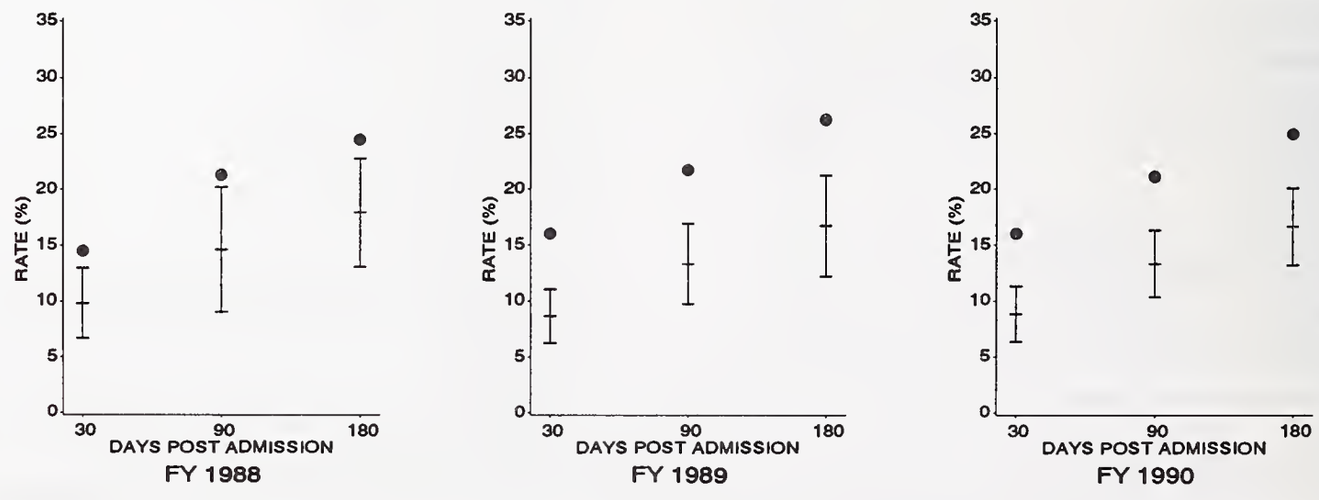
INTERSTATE 40 AND HWY 284
FORREST CITY, AR 72335
Medicare Provider Number: 040019

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	667	16.0	8.8	1.3	21.1	13.3	1.5	24.9	16.6	1.7
CONDITIONS:										
Acute Myocardial Infarction	24	41.7	25.4	-----	45.8	28.8	-----	45.8	31.5	-----
Congestive Heart Failure	47	8.5	11.3	-----	17.0	18.3	-----	29.8	23.6	-----
Pneumonia/Influenza	95	23.2	14.9	5.8	30.5	20.9	6.7	36.8	24.9	7.5
Chronic Obstructive Pulmonary Disease	13	15.4	5.9	-----	15.4	10.7	-----	30.8	14.6	-----
Transient Cerebral Ischemia	15	0.0	1.4	-----	6.7	3.5	-----	6.7	6.1	-----
Stroke	28	42.9	11.9	-----	42.9	16.8	-----	46.4	20.0	-----
Hip Fracture	26	23.1	4.7	-----	26.9	8.5	-----	30.8	11.4	-----
Sepsis	14	14.3	18.1	-----	35.7	25.1	-----	42.9	29.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	16	50.0	4.3	-----	50.0	8.0	-----	50.0	10.6	-----
Open Reduction of Hip Fracture	9	0.0	3.1	-----	0.0	6.0	-----	0.0	8.5	-----
Prostatectomy	2	0.0	0.4	-----	0.0	0.9	-----	0.0	1.6	-----
Cholecystectomy	9	0.0	0.7	-----	0.0	1.3	-----	0.0	1.7	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BAPTIST MEMORIAL HOSPITAL
Medicare Provider Number: 040019

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.8 years
Proportion female	56.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	58.5 %
Transferred from skilled nursing facility	0.7 %
Admitted for elective procedure	53.1 %
Admitted for emergency	33.7 %

COMORBIDITIES:

Cancer	2.5 %
Chronic cardiovascular disease	22.6 %
Chronic liver disease	0.6 %
Chronic renal disease	4.0 %
Chronic pulmonary disease	9.4 %
Cerebrovascular degeneration	3.6 %
Diabetes mellitus	13.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	50.7%
State	46.4%
Outside State	2.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.8 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	118
Occupancy Rate	42.0 %
Ownership/Control	Church
Medicare Discharges	28.5 %
Case Mix Index (CMI)	1.1837

STAFFING:

Total Number of Physicians	18
Percent of Physicians Board Certified Specialists	50.0 %
Medical Residents/Interns	0
Registered Nurses	54
Licensed Practical Nurses	28

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

BAPTIST MEMORIAL HOSPITAL EAST OZARKS

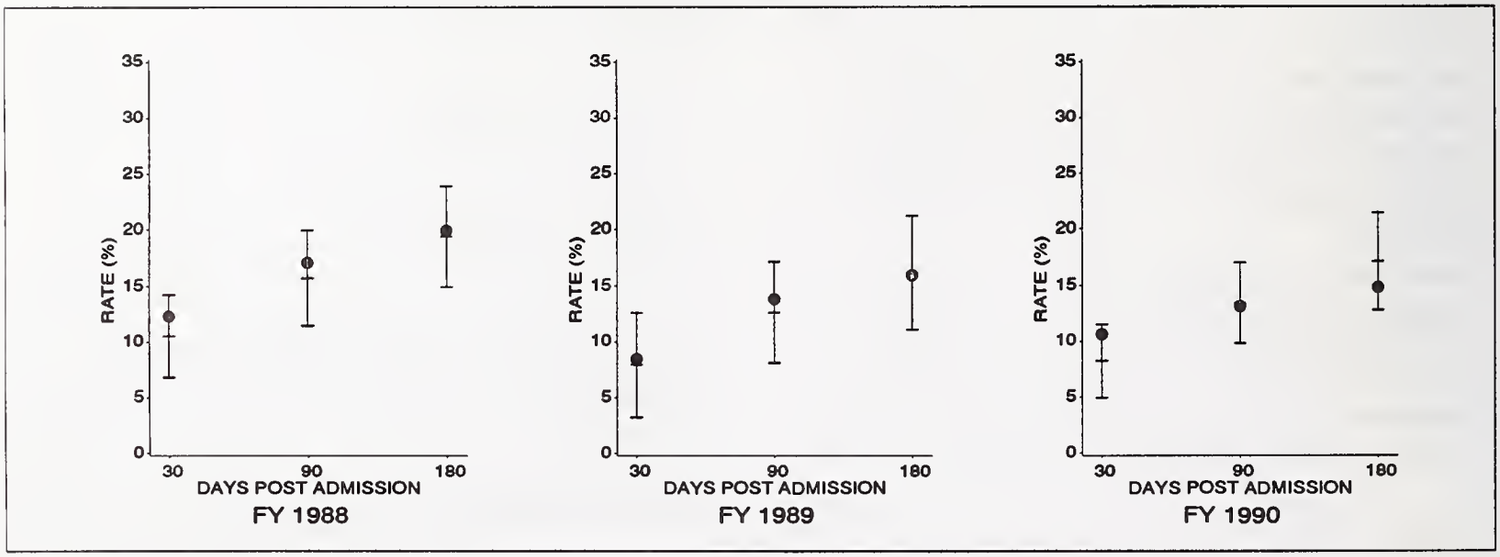
SOUTH ALLEGHENY DRIVE
HARDY, AR 72542
Medicare Provider Number: 040126

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	358	10.6	8.2	1.6	13.1	13.4	1.8	14.8	17.1	2.2
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	23.5	-----	66.7	28.3	-----	66.7	31.8	-----
Congestive Heart Failure	23	13.0	13.9	-----	13.0	22.2	-----	17.4	28.1	-----
Pneumonia/Influenza	24	16.7	12.6	-----	25.0	17.6	-----	25.0	21.3	-----
Chronic Obstructive Pulmonary Disease	3	0.0	11.0	-----	0.0	18.6	-----	0.0	23.8	-----
Transient Cerebral Ischemia	4	0.0	1.2	-----	0.0	2.8	-----	0.0	4.9	-----
Stroke	8	37.5	20.2	-----	37.5	28.9	-----	37.5	34.0	-----
Hip Fracture	5	0.0	4.1	-----	0.0	7.7	-----	0.0	10.9	-----
Sepsis	4	75.0	45.7	-----	75.0	57.7	-----	75.0	61.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	2.5	-----	0.0	5.4	-----	0.0	8.1	-----
Open Reduction of Hip Fracture	3	0.0	3.4	-----	0.0	6.3	-----	0.0	9.2	-----
Prostatectomy	0									
Cholecystectomy	3	0.0	0.6	-----	0.0	1.1	-----	0.0	1.6	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BAPTIST MEMORIAL HOSPITAL EAST OZARKS

Medicare Provider Number: 040126

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.3 years
Proportion female	55.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	43.6 %
Transferred from skilled nursing facility	3.4 %
Admitted for elective procedure	4.7 %
Admitted for emergency	3.1 %

COMORBIDITIES:

Cancer	9.2 %
Chronic cardiovascular disease	22.1 %
Chronic liver disease	0.6 %
Chronic renal disease	3.9 %
Chronic pulmonary disease	12.0 %
Cerebrovascular degeneration	2.8 %
Diabetes mellitus	5.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	73.2%
State	21.2%
Outside State	5.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.5 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	40
Occupancy Rate	37.0 %
Ownership/Control	Church
Medicare Discharges	69.5 %
Case Mix Index (CMI)	0.9904

STAFFING:

Total Number of Physicians	33
Percent of Physicians Board Certified Specialists	78.8 %
Medical Residents/Interns	0
Registered Nurses	17
Licensed Practical Nurses	19

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

BAPTIST MEMORIAL MEDICAL CENTER

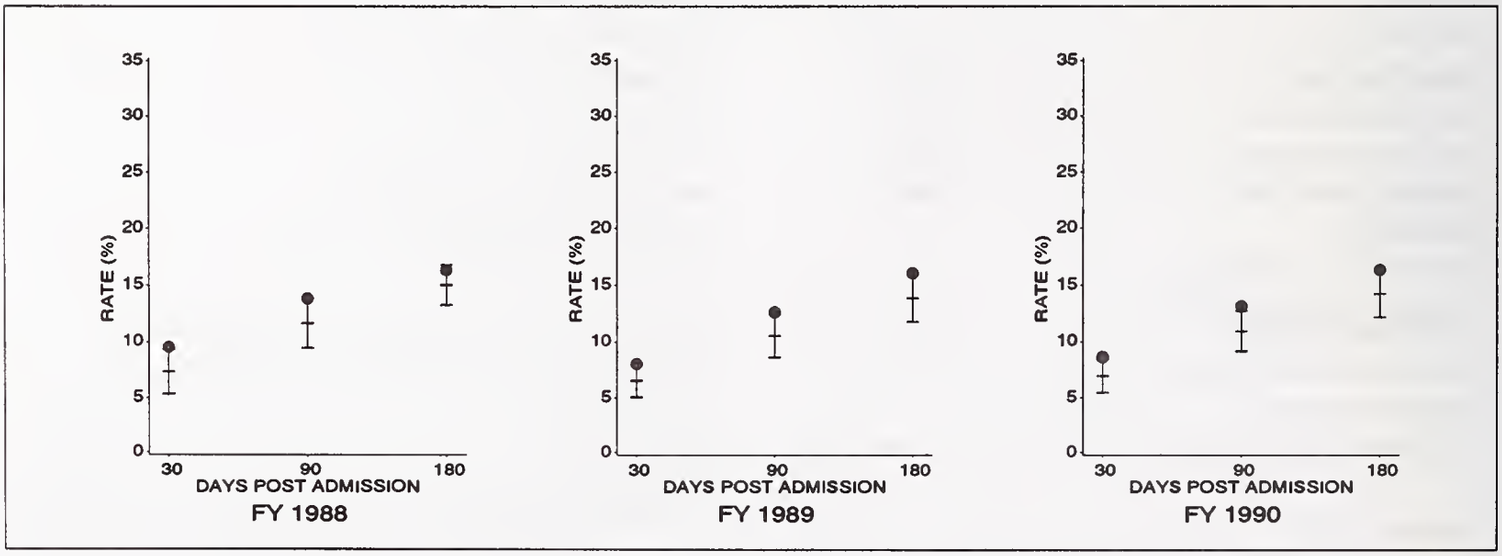
1900 WEST PERSHING BOULEVARD
NORTH LITTLE ROCK, AR 72114
Medicare Provider Number: 040036

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2288	8.6	6.9	0.7	13.1	10.9	0.9	16.3	14.2	1.0
CONDITIONS:										
Acute Myocardial Infarction	51	39.2	27.6	10.6	43.1	30.4	11.6	45.1	33.0	11.5
Congestive Heart Failure	100	16.0	13.5	4.3	28.0	21.4	5.4	38.0	27.4	6.6
Pneumonia/Influenza	121	15.7	13.1	6.6	20.7	18.1	7.6	25.6	21.8	7.7
Chronic Obstructive Pulmonary Disease	21	9.5	6.6	-----	14.3	11.9	-----	19.0	16.1	-----
Transient Cerebral Ischemia	48	4.2	1.3	-----	6.3	3.1	-----	10.4	5.3	-----
Stroke	86	16.3	18.6	4.5	24.4	24.3	5.2	30.2	28.1	5.6
Hip Fracture	70	10.0	6.3	4.5	11.4	11.3	4.3	15.7	15.0	4.9
Sepsis	17	35.3	23.4	-----	47.1	32.3	-----	47.1	37.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	1.9	-----	0.0	3.8	-----	0.0	5.7	-----
Carotid Endarterectomy	13	0.0	1.5	-----	0.0	2.9	-----	0.0	4.4	-----
Hip Replacement/Reconstruction	37	5.4	4.4	-----	8.1	8.2	-----	13.5	11.0	-----
Open Reduction of Hip Fracture	32	12.5	5.0	-----	12.5	9.3	-----	15.6	12.8	-----
Prostatectomy	78	1.3	1.0	1.3	1.3	2.4	2.0	3.8	4.1	3.2
Cholecystectomy	77	2.6	1.2	1.7	3.9	2.2	2.2	3.9	2.9	2.1
Hysterectomy	34	0.0	0.5	-----	0.0	1.0	-----	0.0	1.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BAPTIST MEMORIAL MEDICAL CENTER
Medicare Provider Number: 040036

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.8 years
Proportion female	60.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	45.9 %
Transferred from skilled nursing facility	1.7 %
Admitted for elective procedure	60.8 %
Admitted for emergency	10.0 %

COMORBIDITIES:

Cancer	8.5 %
Chronic cardiovascular disease	21.5 %
Chronic liver disease	0.9 %
Chronic renal disease	3.1 %
Chronic pulmonary disease	10.9 %
Cerebrovascular degeneration	4.1 %
Diabetes mellitus	5.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	77.6%
State	20.6%
Outside State	1.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.3 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

PROFILE:

Total Beds	260
Ownership/Control	Church
Case Mix Index (CMI)	1.1904

STAFFING:

Medical Residents/Interns	0
Registered Nurses	177
Licensed Practical Nurses	93

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice Care	No
Intensive Care Unit	Yes
Organ Transplant	No
Trauma Center	Yes

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

BATES MEMORIAL HOSPITAL

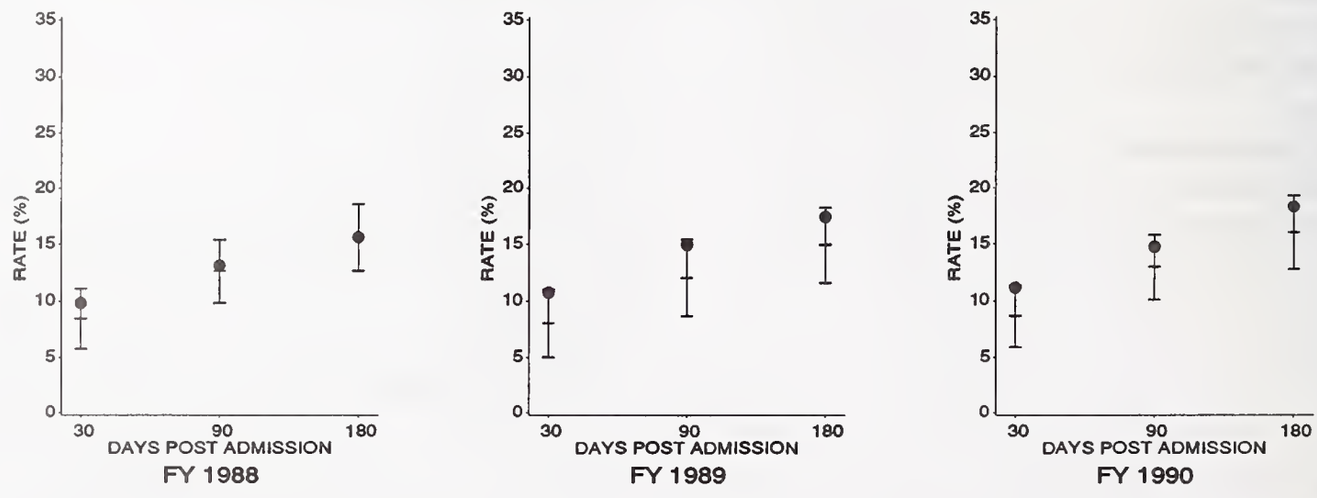
602 NORTH WALTON BOULEVARD
BENTONVILLE, AR 72712
Medicare Provider Number: 040048

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	660	11.1	8.6	1.4	14.7	12.9	1.4	18.3	16.0	1.7
CONDITIONS:										
Acute Myocardial Infarction	21	28.6	23.2	-----	28.6	26.2	-----	33.3	29.3	-----
Congestive Heart Failure	39	20.5	14.3	-----	25.6	22.8	-----	35.9	28.9	-----
Pneumonia/Influenza	61	18.0	13.3	6.1	23.0	18.9	8.6	29.5	22.6	10.9
Chronic Obstructive Pulmonary Disease	2	0.0	15.2	-----	0.0	22.8	-----	0.0	27.6	-----
Transient Cerebral Ischemia	10	0.0	1.3	-----	0.0	2.9	-----	0.0	4.7	-----
Stroke	39	15.4	16.2	-----	20.5	21.8	-----	23.1	25.5	-----
Hip Fracture	21	4.8	3.6	-----	4.8	6.5	-----	14.3	8.7	-----
Sepsis	5	20.0	18.0	-----	40.0	27.7	-----	40.0	32.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	3.5	-----	0.0	8.4	-----	0.0	14.2	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	10.0	3.1	-----	10.0	5.9	-----	10.0	8.3	-----
Open Reduction of Hip Fracture	9	0.0	3.4	-----	0.0	6.0	-----	22.2	8.2	-----
Prostatectomy	57	3.5	0.7	2.0	5.3	1.7	2.6	5.3	2.9	3.6
Cholecystectomy	27	7.4	3.5	-----	11.1	7.3	-----	14.8	10.4	-----
Hysterectomy	10	0.0	0.2	-----	0.0	0.3	-----	0.0	0.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BATES MEMORIAL HOSPITAL
Medicare Provider Number: 040048

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.0 years
Proportion female	50.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	39.6 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	1.2 %
Admitted for emergency	0.0 %

COMORBIDITIES:

Cancer	6.7 %
Chronic cardiovascular disease	24.8 %
Chronic liver disease	0.6 %
Chronic renal disease	1.5 %
Chronic pulmonary disease	10.9 %
Cerebrovascular degeneration	4.1 %
Diabetes mellitus	4.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	89.9%
State	2.1%
Outside State	8.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.7 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	40
Occupancy Rate	57.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	59.7 %
Case Mix Index (CMI)	1.1592

STAFFING:

Total Number of Physicians	15
Percent of Physicians Board Certified Specialists	66.7 %
Medical Residents/Interns	0
Registered Nurses	34
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

BAXTER COUNTY REGIONAL HOSPITAL INC

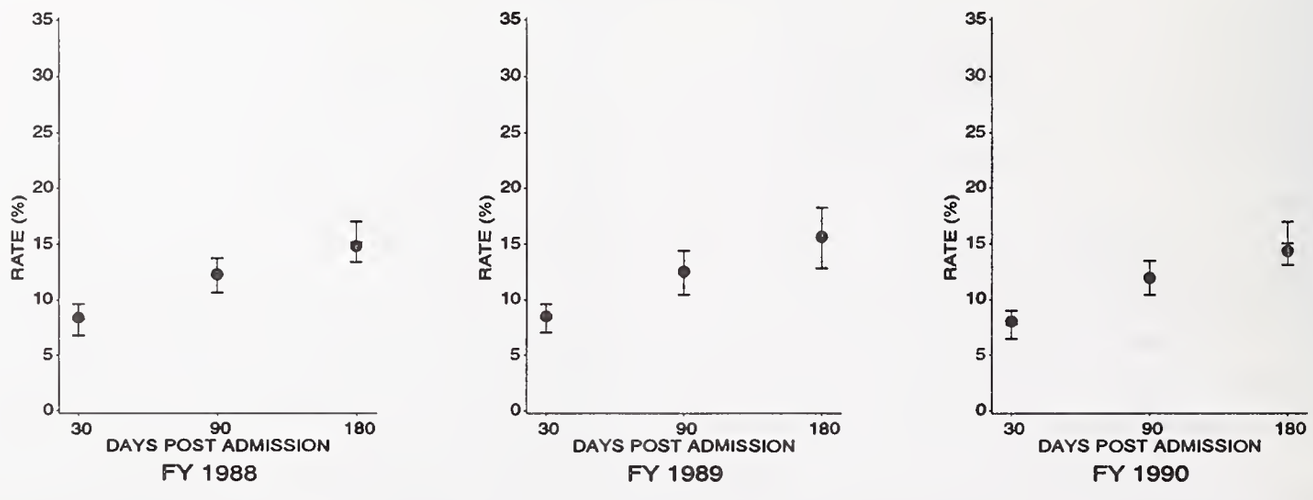
624 HOSPITAL DR BOX 746
MOUNTAIN HOME, AR 72653
Medicare Provider Number: 040027

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2324	8.0	7.7	0.6	11.9	11.9	0.8	14.3	15.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	48	43.8	32.3	-----	52.1	35.0	-----	52.1	37.9	-----
Congestive Heart Failure	95	21.1	14.0	4.8	26.3	22.5	4.6	29.5	28.4	4.8
Pneumonia/Influenza	97	13.4	14.9	3.8	18.6	20.2	5.0	21.6	23.7	5.5
Chronic Obstructive Pulmonary Disease	27	0.0	7.7	-----	0.0	14.1	-----	3.7	19.1	-----
Transient Cerebral Ischemia	24	4.2	2.1	-----	4.2	4.7	-----	8.3	7.7	-----
Stroke	54	16.7	18.0	5.5	25.9	23.3	6.3	25.9	26.9	7.9
Hip Fracture	68	4.4	6.7	3.4	8.8	11.4	4.1	11.8	14.6	6.5
Sepsis	10	50.0	18.1	-----	50.0	25.3	-----	50.0	30.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	22	0.0	2.3	-----	0.0	4.8	-----	0.0	7.3	-----
Carotid Endarterectomy	23	4.3	1.7	-----	4.3	3.2	-----	4.3	4.7	-----
Hip Replacement/Reconstruction	61	6.6	3.0	3.1	8.2	5.5	3.8	8.2	7.3	6.0
Open Reduction of Hip Fracture	32	3.1	7.5	-----	9.4	13.0	-----	15.6	16.6	-----
Prostatectomy	270	1.1	1.0	0.7	2.6	2.4	1.1	3.7	4.2	1.3
Cholecystectomy	68	2.9	2.2	2.0	4.4	4.0	3.7	5.9	5.4	5.2
Hysterectomy	20	0.0	0.3	-----	0.0	0.6	-----	0.0	1.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BAXTER COUNTY REGIONAL HOSPITAL INC

Medicare Provider Number: 040027

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.5 years
Proportion female	47.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	55.9 %
Transferred from skilled nursing facility	0.2 %
Admitted for elective procedure	6.1 %
Admitted for emergency	41.7 %

COMORBIDITIES:

Cancer	7.6 %
Chronic cardiovascular disease	23.2 %
Chronic liver disease	0.5 %
Chronic renal disease	2.8 %
Chronic pulmonary disease	14.1 %
Cerebrovascular degeneration	1.8 %
Diabetes mellitus	5.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	69.9%
State	20.8%
Outside State	9.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.7 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	131
Occupancy Rate	77.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	61.3 %
Case Mix Index (CMI)	1.2489

STAFFING:

Total Number of Physicians	53
Percent of Physicians Board Certified Specialists	69.8 %
Medical Residents/Interns	0
Registered Nurses	88
Licensed Practical Nurses	83

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

BOONEVILLE CITY HOSPITAL

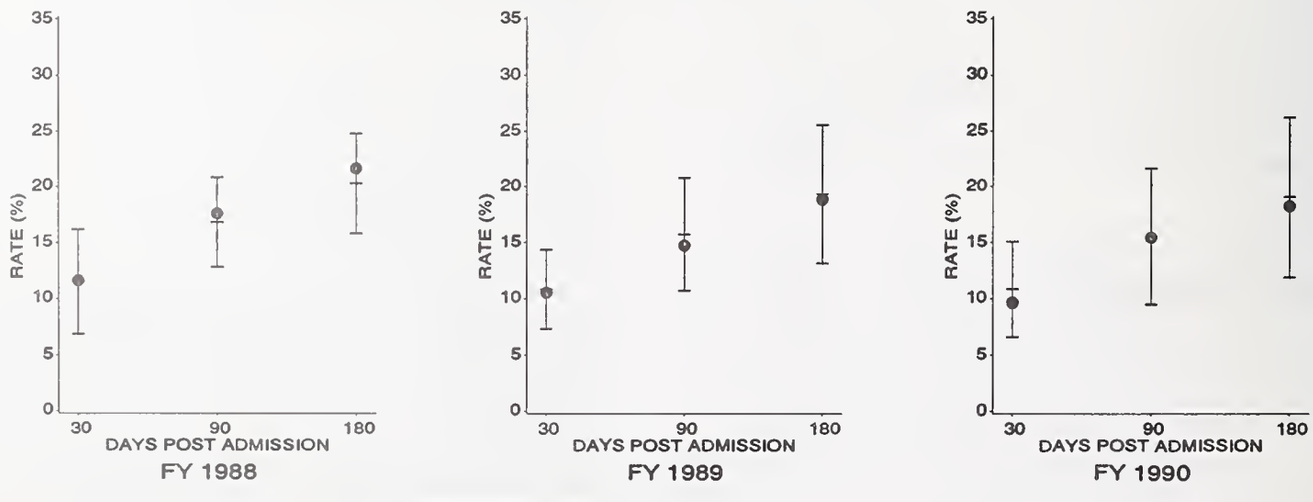
1200 W MAIN ST
BOONEVILLE, AR 72927
Medicare Provider Number: 040028

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	280	9.6	10.8	2.1	15.4	15.5	3.0	18.2	19.0	3.6
CONDITIONS:										
Acute Myocardial Infarction	9	44.4	30.1	-----	44.4	33.0	-----	55.6	36.3	-----
Congestive Heart Failure	26	19.2	14.9	-----	26.9	24.1	-----	26.9	30.4	-----
Pneumonia/Influenza	41	7.3	13.4	-----	17.1	18.2	-----	19.5	21.9	-----
Chronic Obstructive Pulmonary Disease	4	50.0	18.0	-----	50.0	25.0	-----	50.0	29.9	-----
Transient Cerebral Ischemia	4	0.0	2.4	-----	0.0	5.6	-----	0.0	9.6	-----
Stroke	8	25.0	22.9	-----	25.0	28.9	-----	25.0	32.7	-----
Hip Fracture	0									
Sepsis	4	25.0	20.4	-----	50.0	24.2	-----	50.0	27.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	1.5	-----	0.0	3.9	-----	0.0	6.8	-----
Cholecystectomy	4	0.0	1.2	-----	0.0	2.1	-----	0.0	3.0	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BOONEVILLE CITY HOSPITAL

Medicare Provider Number: 040028

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.7 years
Proportion female	58.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	60.4 %
Transferred from skilled nursing facility	0.4 %
Admitted for elective procedure	2.1 %
Admitted for emergency	47.9 %

COMORBIDITIES:

Cancer	3.6 %
Chronic cardiovascular disease	37.5 %
Chronic liver disease	0.4 %
Chronic renal disease	2.9 %
Chronic pulmonary disease	14.6 %
Cerebrovascular degeneration	1.4 %
Diabetes mellitus	6.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	79.9%
State	18.7%
Outside State	1.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.2 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	25
Occupancy Rate	52.0 %
Ownership/Control	Local Government
Medicare Discharges	63.7 %
Case Mix Index (CMI)	0.9645

STAFFING:

Total Number of Physicians	19
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

BRADLEY COUNTY MEMORIAL HOSPITAL

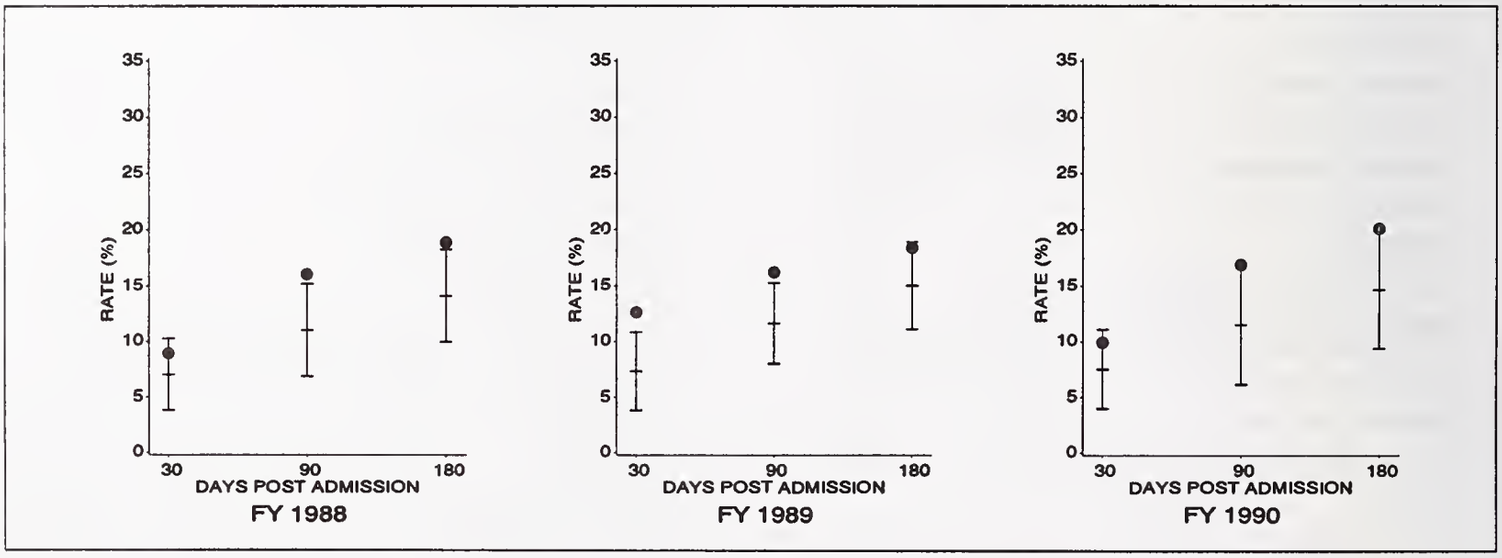
404 S BRADLEY ST
WARREN, AR 71671
Medicare Provider Number: 040077

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	533	9.9	7.5	1.8	16.9	11.5	2.7	20.1	14.6	2.6
CONDITIONS:										
Acute Myocardial Infarction	16	43.8	25.7	-----	43.8	28.5	-----	43.8	31.4	-----
Congestive Heart Failure	35	8.6	12.9	-----	22.9	20.3	-----	25.7	26.2	-----
Pneumonia/Influenza	58	6.9	13.0	6.6	13.8	18.3	6.6	19.0	22.0	7.4
Chronic Obstructive Pulmonary Disease	18	0.0	6.3	-----	11.1	11.2	-----	16.7	14.9	-----
Transient Cerebral Ischemia	10	0.0	1.0	-----	10.0	2.5	-----	10.0	4.4	-----
Stroke	36	25.0	17.0	-----	30.6	24.5	-----	36.1	28.8	-----
Hip Fracture	14	14.3	4.7	-----	35.7	8.6	-----	35.7	12.0	-----
Sepsis	2	50.0	12.6	-----	50.0	16.1	-----	50.0	18.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	13	15.4	4.4	-----	38.5	8.4	-----	38.5	11.9	-----
Prostatectomy	0									
Cholecystectomy	7	0.0	2.2	-----	14.3	3.4	-----	14.3	4.4	-----
Hysterectomy	1	0.0	0.1	-----	0.0	0.2	-----	0.0	0.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BRADLEY COUNTY MEMORIAL HOSPITAL
Medicare Provider Number: 040077

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.9 years
Proportion female	61.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	42.8 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	84.1 %
Admitted for emergency	11.6 %

COMORBIDITIES:

Cancer	4.1 %
Chronic cardiovascular disease	29.6 %
Chronic liver disease	0.8 %
Chronic renal disease	1.1 %
Chronic pulmonary disease	12.8 %
Cerebrovascular degeneration	2.8 %
Diabetes mellitus	10.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	77.6%
State	21.3%
Outside State	1.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.2 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	49
Occupancy Rate	57.0 %
Ownership/Control	Local Government
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	0.9248

STAFFING:

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	100.0 %
Medical Residents/Interns	0
Registered Nurses	16
Licensed Practical Nurses	50

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

BUFFALO ISLAND COMMUNITY HOSPITAL

912 N DAVIS
MANILA, AR 72442
Medicare Provider Number: 040131

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1	0.0	1.3	-----	0.0	1.9	-----	0.0	2.4	-----
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation was not computed for one or more of the three fiscal years, (1988, 1989, or 1990)

BUFFALO ISLAND COMMUNITY HOSPITAL

Medicare Provider Number: 040131

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	69.0 years
Proportion female	100.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	100.0 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	0.0 %

COMORBIDITIES:

Cancer	0.0 %
Chronic cardiovascular disease	0.0 %
Chronic liver disease	0.0 %
Chronic renal disease	0.0 %
Chronic pulmonary disease	0.0 %
Cerebrovascular degeneration	0.0 %
Diabetes mellitus	0.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	75.0%
State	25.0%
Outside State	0.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.3 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1988

PROFILE:

Total Beds	32
Ownership/Control	Private, For Profit
Case Mix Index (CMI)	0.8363

STAFFING:

Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice Care	No
Intensive Care Unit	No
Organ Transplant	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

BULL SHOALS COMMUNITY HOSPITAL & CLINIC

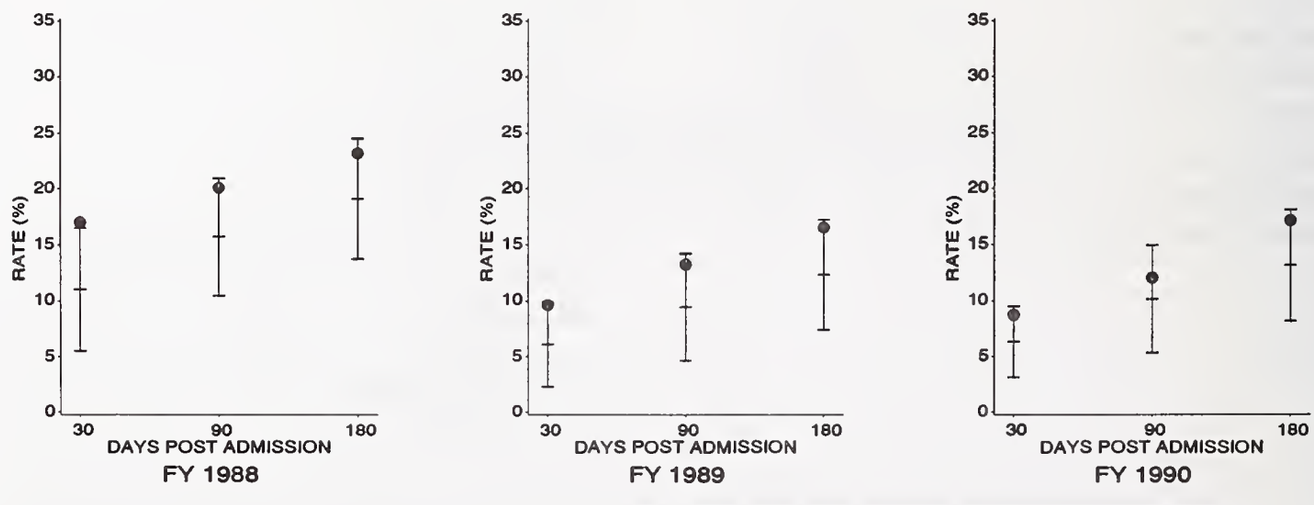
POST OFFICE BOX 657
BULL SHOALS, AR 72619
Medicare Provider Number: 040115

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	333	8.7	6.3	1.6	12.0	10.1	2.4	17.1	13.1	2.5
CONDITIONS:										
Acute Myocardial Infarction	9	11.1	19.9	-----	11.1	21.9	-----	22.2	24.4	-----
Congestive Heart Failure	17	17.6	10.0	-----	23.5	16.1	-----	35.3	21.3	-----
Pneumonia/Influenza	16	12.5	12.6	-----	12.5	17.5	-----	18.8	20.9	-----
Chronic Obstructive Pulmonary Disease	3	0.0	6.1	-----	0.0	11.2	-----	33.3	14.6	-----
Transient Cerebral Ischemia	5	0.0	1.2	-----	0.0	2.8	-----	0.0	4.6	-----
Stroke	5	20.0	21.7	-----	20.0	29.4	-----	20.0	34.0	-----
Hip Fracture	0									
Sepsis	1	0.0	4.6	-----	0.0	7.6	-----	0.0	9.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	0.9	-----	0.0	1.9	-----	0.0	3.0	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	22	0.0	0.8	-----	0.0	1.9	-----	0.0	3.4	-----
Cholecystectomy	3	33.3	6.3	-----	33.3	12.6	-----	33.3	16.6	-----
Hysterectomy	1	0.0	0.2	-----	0.0	0.5	-----	0.0	1.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BULL SHOALS COMMUNITY HOSPITAL & CLINIC

Medicare Provider Number: 040115

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.3 years
Proportion female	48.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	69.7 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	60.4 %
Admitted for emergency	27.9 %

COMORBIDITIES:

Cancer	6.0 %
Chronic cardiovascular disease	45.9 %
Chronic liver disease	0.6 %
Chronic renal disease	1.2 %
Chronic pulmonary disease	15.3 %
Cerebrovascular degeneration	4.8 %
Diabetes mellitus	6.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	46.8%
State	44.8%
Outside State	8.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.8 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	48
Occupancy Rate	33.0 %
Ownership/Control	Private, For Profit
Medicare Discharges	52.1 %
Case Mix Index (CMI)	1.0084

STAFFING:

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

CARROLL GENERAL HOSPITAL

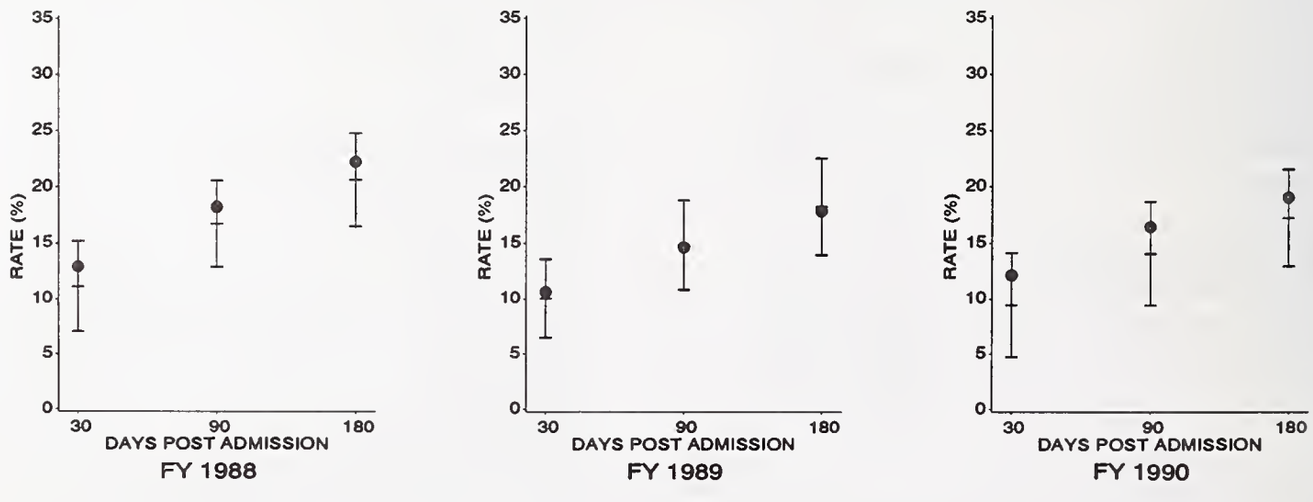
214 CARTER STREET POB 387
BERRYVILLE, AR 72616
Medicare Provider Number: 040109

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	421	12.1	9.4	2.4	16.4	14.0	2.3	19.0	17.2	2.1
CONDITIONS:										
Acute Myocardial Infarction	14	57.1	25.5	-----	57.1	29.3	-----	57.1	32.2	-----
Congestive Heart Failure	21	14.3	14.9	-----	23.8	22.7	-----	33.3	28.9	-----
Pneumonia/Influenza	73	17.8	15.1	9.5	24.7	21.0	9.1	27.4	24.8	7.9
Chronic Obstructive Pulmonary Disease	11	0.0	5.9	-----	0.0	10.6	-----	0.0	14.9	-----
Transient Cerebral Ischemia	9	0.0	1.5	-----	0.0	3.5	-----	0.0	5.8	-----
Stroke	16	12.5	11.5	-----	25.0	16.8	-----	25.0	20.0	-----
Hip Fracture	4	0.0	2.5	-----	0.0	4.5	-----	0.0	6.2	-----
Sepsis	3	33.3	29.5	-----	66.7	36.9	-----	66.7	42.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	13	0.0	0.5	-----	0.0	1.1	-----	0.0	1.8	-----
Cholecystectomy	17	0.0	1.6	-----	0.0	2.8	-----	0.0	3.5	-----
Hysterectomy	3	0.0	0.1	-----	0.0	0.3	-----	0.0	0.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



CARROLL GENERAL HOSPITAL
Medicare Provider Number: 040109

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.8 years
Proportion female	56.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	34.2 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	7.6 %
Admitted for emergency	0.0 %

COMORBIDITIES:

Cancer	4.3 %
Chronic cardiovascular disease	27.8 %
Chronic liver disease	0.7 %
Chronic renal disease	2.9 %
Chronic pulmonary disease	20.0 %
Cerebrovascular degeneration	2.6 %
Diabetes mellitus	4.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	67.7%
State	6.3%
Outside State	26.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.3 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	50
Occupancy Rate	42.0 %
Ownership/Control	Local Government
Medicare Discharges	42.0 %
Case Mix Index (CMI)	1.1075

STAFFING:

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	75.0 %
Medical Residents/Interns	0
Registered Nurses	25
Licensed Practical Nurses	20

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

CENTRAL ARKANSAS HOSPITAL

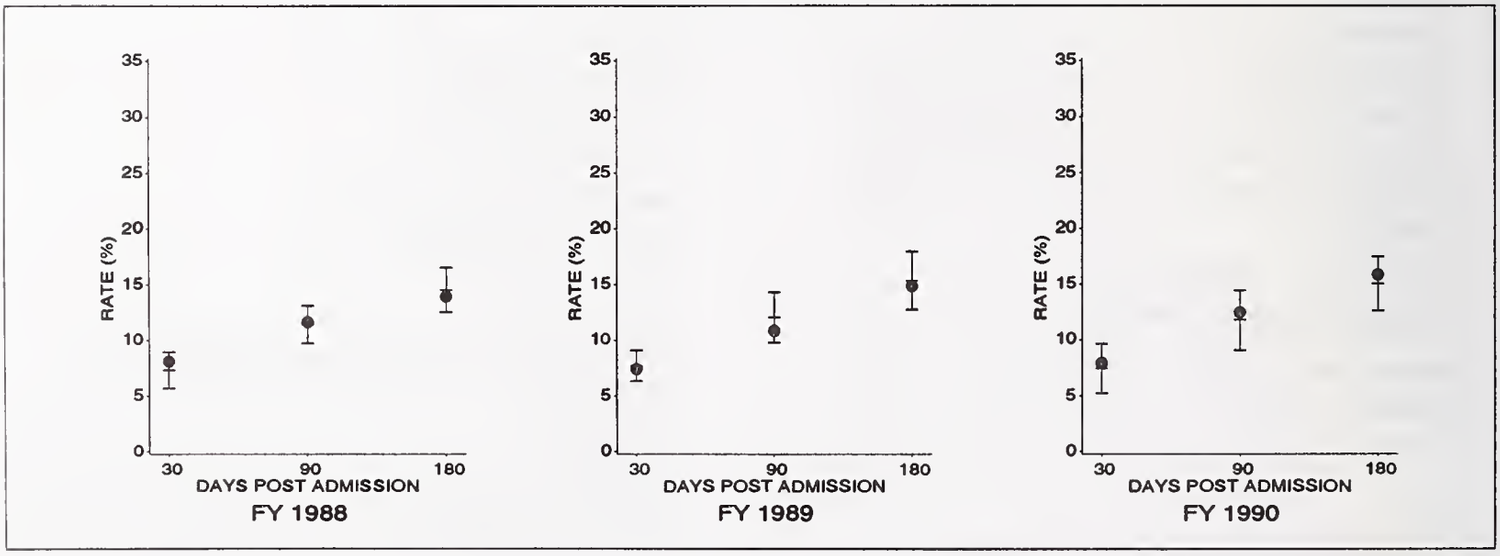
1200 S MAIN ST
SEARCY, AR 72143
Medicare Provider Number: 040014

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1828	7.9	7.4	1.1	12.4	11.7	1.3	15.8	15.0	1.2
CONDITIONS:										
Acute Myocardial Infarction	36	25.0	26.3	-----	25.0	29.0	-----	27.8	31.8	-----
Congestive Heart Failure	90	11.1	14.3	5.3	20.0	22.8	5.5	26.7	29.0	6.2
Pneumonia/Influenza	154	9.7	13.2	3.9	14.9	18.4	5.7	18.2	21.9	5.0
Chronic Obstructive Pulmonary Disease	44	0.0	3.7	-----	4.5	7.2	-----	4.5	10.4	-----
Transient Cerebral Ischemia	42	0.0	1.4	-----	4.8	3.2	-----	7.1	5.5	-----
Stroke	50	20.0	17.1	-----	28.0	24.2	-----	32.0	28.6	-----
Hip Fracture	37	2.7	5.8	-----	8.1	10.5	-----	13.5	13.7	-----
Sepsis	13	30.8	25.7	-----	30.8	34.7	-----	38.5	39.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	0.0	1.5	-----	5.0	3.1	-----	10.0	5.0	-----
Carotid Endarterectomy	12	0.0	1.9	-----	0.0	3.6	-----	0.0	5.2	-----
Hip Replacement/Reconstruction	28	3.6	4.8	-----	10.7	9.0	-----	14.3	11.9	-----
Open Reduction of Hip Fracture	14	0.0	4.9	-----	0.0	8.9	-----	7.1	11.5	-----
Prostatectomy	57	0.0	0.9	1.4	1.8	2.1	2.4	1.8	3.6	3.5
Cholecystectomy	33	3.0	1.7	-----	6.1	3.2	-----	6.1	4.4	-----
Hysterectomy	13	0.0	0.3	-----	0.0	0.7	-----	7.7	1.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



CENTRAL ARKANSAS HOSPITAL

Medicare Provider Number: 040014

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.4 years
Proportion female	55.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	61.5 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	61.1 %
Admitted for emergency	37.7 %

COMORBIDITIES:

Cancer	8.1 %
Chronic cardiovascular disease	34.3 %
Chronic liver disease	0.7 %
Chronic renal disease	2.5 %
Chronic pulmonary disease	19.7 %
Cerebrovascular degeneration	2.2 %
Diabetes mellitus	9.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	60.7%
State	37.9%
Outside State	1.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.4 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	132
Occupancy Rate	62.0 %
Ownership/Control	Private, For Profit
Medicare Discharges	51.2 %
Case Mix Index (CMI)	1.1202

STAFFING:

Total Number of Physicians	51
Percent of Physicians Board Certified Specialists	66.7 %
Medical Residents/Interns	0
Registered Nurses	68
Licensed Practical Nurses	107

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

CENTRAL OZARKS MEDICAL CENTER, INC.

HIGHWAY 14 NORTH P O DRAWER 219
YELLVILLE, AR 72687
Medicare Provider Number: 040006

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2	50.0	25.9	-----	50.0	31.8	-----	50.0	35.7	-----
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Fallure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemla	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation was not computed for one or more of the three fiscal years, (1988, 1989, or 1990)

CENTRAL OZARKS MEDICAL CENTER, INC.

Medicare Provider Number: 040006

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.5 years
Proportion female	0.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	50.0 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	0.0 %

COMORBIDITIES:

Cancer	0.0 %
Chronic cardiovascular disease	0.0 %
Chronic liver disease	0.0 %
Chronic renal disease	0.0 %
Chronic pulmonary disease	0.0 %
Cerebrovascular degeneration	0.0 %
Diabetes mellitus	0.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	0.0%
State	100.0%
Outside State	0.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.7 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1987

PROFILE:

Total Beds	31
Ownership/Control	Local Government
Case Mix Index (CMI)	1.7706

STAFFING:

Medical Residents/Interns	0
Registered Nurses	12
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice Care	Yes
Intensive Care Unit	Yes
Organ Transplant	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

CHICOT MEMORIAL HOSPITAL

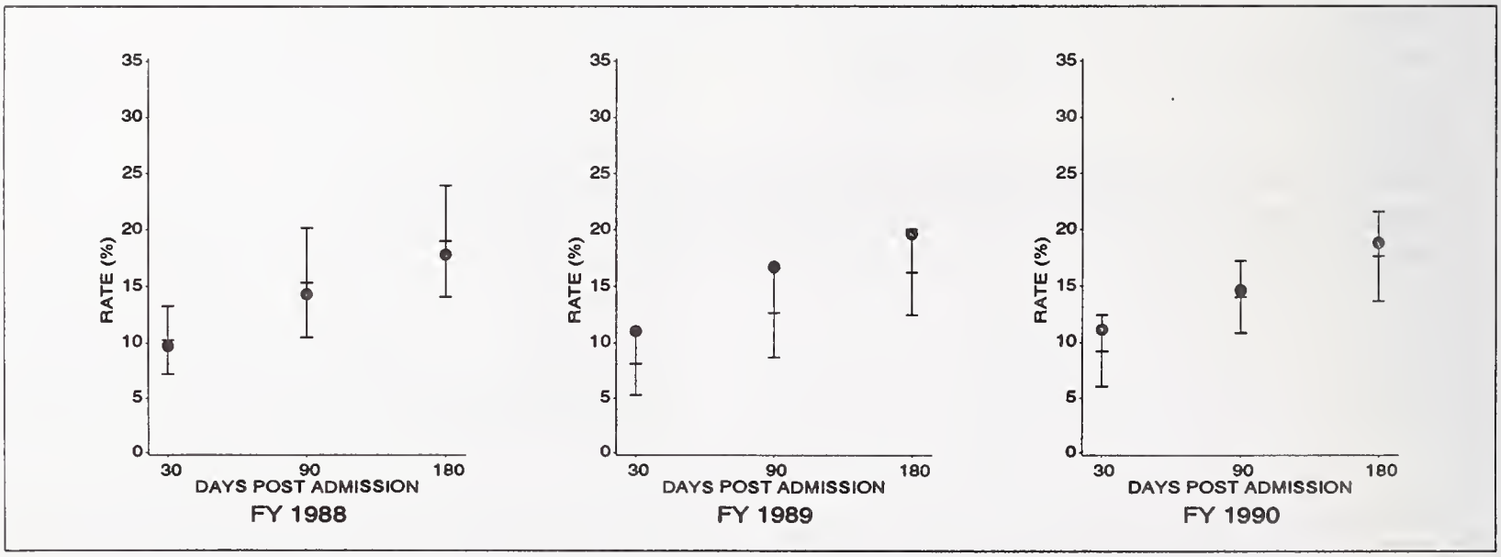
HIGHWAY 65 & 82 BOX 512
LAKE VILLAGE, AR 71653
Medicare Provider Number: 040105

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	521	11.1	9.2	1.6	14.6	14.0	1.6	18.8	17.6	2.0
CONDITIONS:										
Acute Myocardial Infarction	22	31.8	31.9	-----	36.4	35.0	-----	36.4	38.1	-----
Congestive Heart Failure	38	13.2	13.0	-----	23.7	21.3	-----	28.9	27.5	-----
Pneumonia/Influenza	36	13.9	12.8	-----	13.9	17.5	-----	19.4	20.8	-----
Chronic Obstructive Pulmonary Disease	12	25.0	6.1	-----	25.0	11.7	-----	25.0	16.1	-----
Transient Cerebral Ischemia	11	9.1	1.2	-----	9.1	2.9	-----	9.1	4.8	-----
Stroke	30	16.7	15.9	-----	30.0	22.2	-----	40.0	26.1	-----
Hip Fracture	0									
Sepsis	8	25.0	19.5	-----	25.0	26.7	-----	25.0	30.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	6	0.0	4.6	-----	0.0	8.5	-----	0.0	10.6	-----
Hysterectomy	2	50.0	1.8	-----	50.0	3.4	-----	50.0	5.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



CHICOT MEMORIAL HOSPITAL
Medicare Provider Number: 040105

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.5 years
Proportion female	53.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	66.7 %
Transferred from skilled nursing facility	1.1 %
Admitted for elective procedure	2.9 %
Admitted for emergency	5.9 %

COMORBIDITIES:

Cancer	6.9 %
Chronic cardiovascular disease	23.4 %
Chronic liver disease	1.0 %
Chronic renal disease	2.1 %
Chronic pulmonary disease	10.9 %
Cerebrovascular degeneration	1.1 %
Diabetes mellitus	8.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	59.9%
State	37.8%
Outside State	2.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.1 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	62
Occupancy Rate	49.0 %
Ownership/Control	Local Government
Medicare Discharges	40.5 %
Case Mix Index (CMI)	1.0133

STAFFING:

Total Number of Physicians	22
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	26
Licensed Practical Nurses	22

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

CLEBURNE COUNTY HOSPITAL

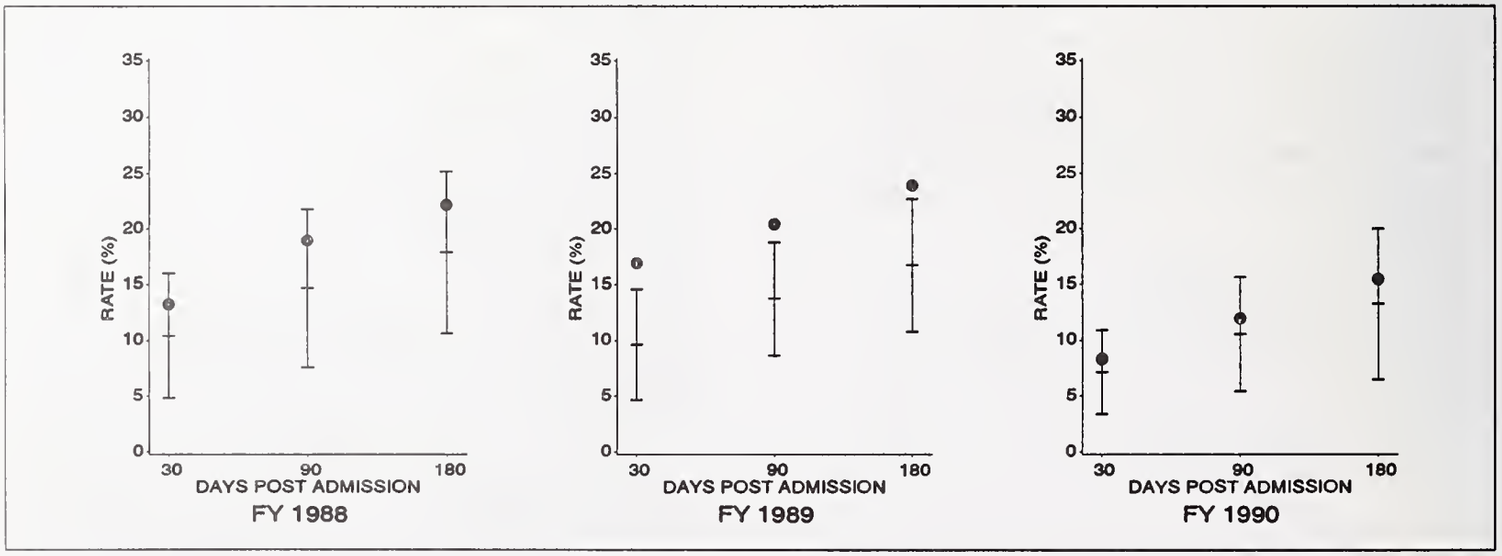
HWY 110 WEST BOX 510
HEBER SPRINGS, AR 72543
Medicare Provider Number: 040106

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	312	8.3	7.1	1.9	11.9	10.5	2.6	15.4	13.2	3.4
CONDITIONS:										
Acute Myocardial Infarction	14	7.1	21.1	-----	7.1	23.6	-----	14.3	26.1	-----
Congestive Heart Failure	10	40.0	14.3	-----	40.0	22.8	-----	40.0	28.4	-----
Pneumonia/Influenza	31	16.1	12.8	-----	22.6	17.7	-----	32.3	20.9	-----
Chronic Obstructive Pulmonary Disease	4	0.0	2.8	-----	0.0	5.5	-----	25.0	8.5	-----
Transient Cerebral Ischemia	1	0.0	0.5	-----	0.0	1.2	-----	0.0	1.9	-----
Stroke	13	61.5	20.2	-----	61.5	27.4	-----	61.5	31.4	-----
Hip Fracture	3	0.0	5.2	-----	0.0	8.1	-----	33.3	11.3	-----
Sepsis	5	0.0	24.5	-----	20.0	32.8	-----	40.0	37.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	4.3	-----	0.0	7.1	-----	20.0	9.5	-----
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	0.4	-----	0.0	1.0	-----	0.0	1.6	-----
Cholecystectomy	5	0.0	1.4	-----	0.0	2.6	-----	0.0	3.4	-----
Hysterectomy	2	0.0	0.2	-----	0.0	0.4	-----	0.0	0.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



CLEBURNE COUNTY HOSPITAL
Medicare Provider Number: 040106

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.4 years
Proportion female	60.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	32.4 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	19.9 %
Admitted for emergency	0.3 %

COMORBIDITIES:

Cancer	5.4 %
Chronic cardiovascular disease	20.5 %
Chronic liver disease	0.0 %
Chronic renal disease	0.0 %
Chronic pulmonary disease	7.7 %
Cerebrovascular degeneration	1.6 %
Diabetes mellitus	5.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	82.8%
State	14.7%
Outside State	2.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	4.3 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	25
Occupancy Rate	32.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	55.6 %
Case Mix Index (CMI)	1.0663

STAFFING:

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

COMMUNITY HOSPITAL OF DEQUEEN

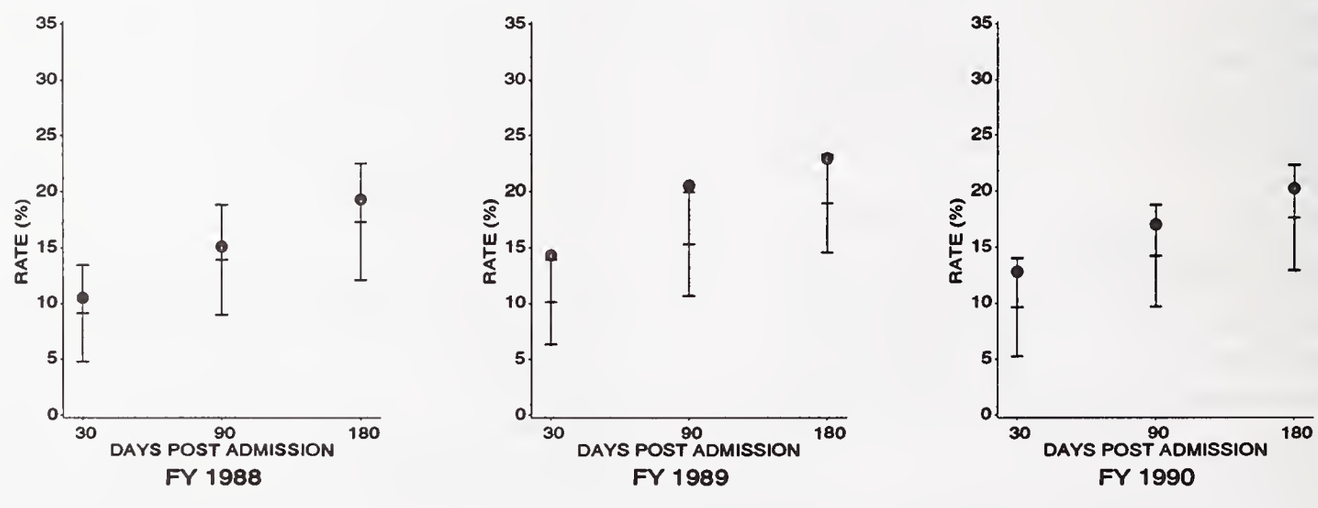
1300 HWY 70 W
DEQUEEN, AR 71832
Medicare Provider Number: 040107

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	564	12.8	9.6	2.2	17.0	14.2	2.3	20.2	17.6	2.4
CONDITIONS:										
Acute Myocardial Infarction	34	35.3	22.4	-----	38.2	24.8	-----	44.1	27.1	-----
Congestive Heart Failure	34	17.6	14.9	-----	20.6	23.4	-----	29.4	29.4	-----
Pneumonia/Influenza	32	18.8	19.0	-----	25.0	26.3	-----	28.1	30.6	-----
Chronic Obstructive Pulmonary Disease	10	20.0	5.8	-----	20.0	11.3	-----	20.0	15.3	-----
Transient Cerebral Ischemia	7	0.0	1.3	-----	0.0	3.1	-----	0.0	5.3	-----
Stroke	27	25.9	17.4	-----	29.6	23.0	-----	29.6	26.7	-----
Hip Fracture	9	11.1	10.4	-----	22.2	18.6	-----	33.3	24.0	-----
Sepsis	3	66.7	27.4	-----	66.7	32.8	-----	66.7	37.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.4	-----	0.0	4.5	-----	0.0	6.3	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	7	14.3	9.6	-----	28.6	18.3	-----	42.9	24.5	-----
Prostatectomy	0									
Cholecystectomy	7	0.0	2.0	-----	0.0	3.5	-----	0.0	4.4	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



COMMUNITY HOSPITAL OF DEQUEEN
Medicare Provider Number: 040107

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.3 years
Proportion female	60.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	46.5 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	11.2 %

COMORBIDITIES:

Cancer	4.6 %
Chronic cardiovascular disease	44.5 %
Chronic liver disease	0.4 %
Chronic renal disease	1.6 %
Chronic pulmonary disease	20.9 %
Cerebrovascular degeneration	3.9 %
Diabetes mellitus	5.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	52.5%
State	20.4%
Outside State	27.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.7 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	77
Occupancy Rate	39.0 %
Ownership/Control	Private, For Profit
Medicare Discharges	48.9 %
Case Mix Index (CMI)	1.0331

STAFFING:

Total Number of Physicians	15
Percent of Physicians Board Certified Specialists	60.0 %
Medical Residents/Interns	0
Registered Nurses	26
Licensed Practical Nurses	36

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

CONWAY COUNTY HOSPITAL

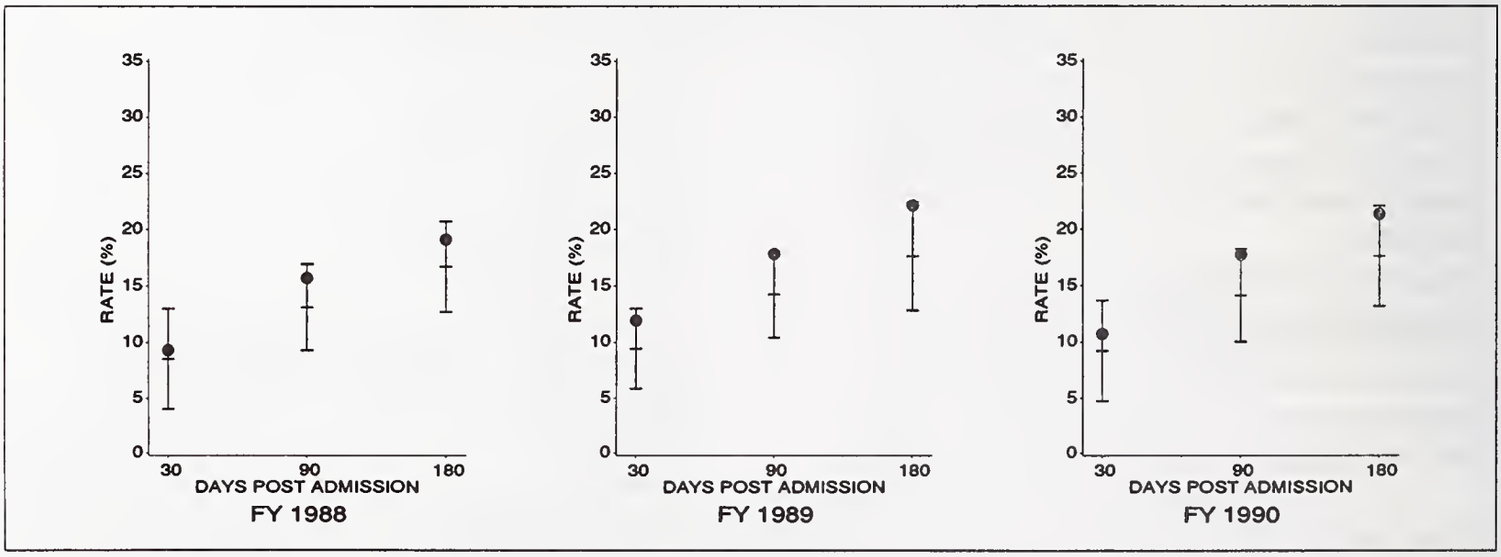
4 HOSPITAL DR BOX 31
MORRILTON, AR 72110
Medicare Provider Number: 040003

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	587	10.7	9.2	2.2	17.7	14.1	2.1	21.3	17.6	2.2
CONDITIONS:										
Acute Myocardial Infarction	16	31.3	24.3	-----	37.5	26.8	-----	37.5	29.4	-----
Congestive Heart Failure	38	7.9	15.7	-----	26.3	25.2	-----	31.6	31.5	-----
Pneumonia/Influenza	66	10.6	16.0	7.0	19.7	22.0	6.7	21.2	25.9	7.2
Chronic Obstructive Pulmonary Disease	22	4.5	5.0	-----	13.6	9.5	-----	22.7	13.3	-----
Transient Cerebral Ischemia	16	0.0	1.5	-----	6.3	3.4	-----	6.3	5.8	-----
Stroke	21	23.8	18.0	-----	23.8	25.4	-----	23.8	29.9	-----
Hip Fracture	2	0.0	2.9	-----	0.0	5.9	-----	0.0	7.9	-----
Sepsis	6	66.7	14.2	-----	66.7	21.0	-----	66.7	25.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	15	0.0	0.7	-----	0.0	1.6	-----	0.0	2.9	-----
Cholecystectomy	11	9.1	1.3	-----	9.1	2.4	-----	9.1	3.2	-----
Hysterectomy	3	0.0	0.1	-----	0.0	0.2	-----	0.0	0.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



CONWAY COUNTY HOSPITAL
Medicare Provider Number: 040003

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.4 years
Proportion female	57.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	16.2 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	41.2 %
Admitted for emergency	0.0 %

COMORBIDITIES:

Cancer	4.3 %
Chronic cardiovascular disease	34.7 %
Chronic liver disease	0.9 %
Chronic renal disease	4.4 %
Chronic pulmonary disease	19.2 %
Cerebrovascular degeneration	3.6 %
Diabetes mellitus	8.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	71.8%
State	26.8%
Outside State	1.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.9 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	84
Occupancy Rate	38.0 %
Ownership/Control	Church
Medicare Discharges	48.9 %
Case Mix Index (CMI)	1.0175

STAFFING:

Total Number of Physicians	12
Percent of Physicians Board Certified Specialists	58.3 %
Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	22

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

CONWAY REGIONAL HOSPITAL INC

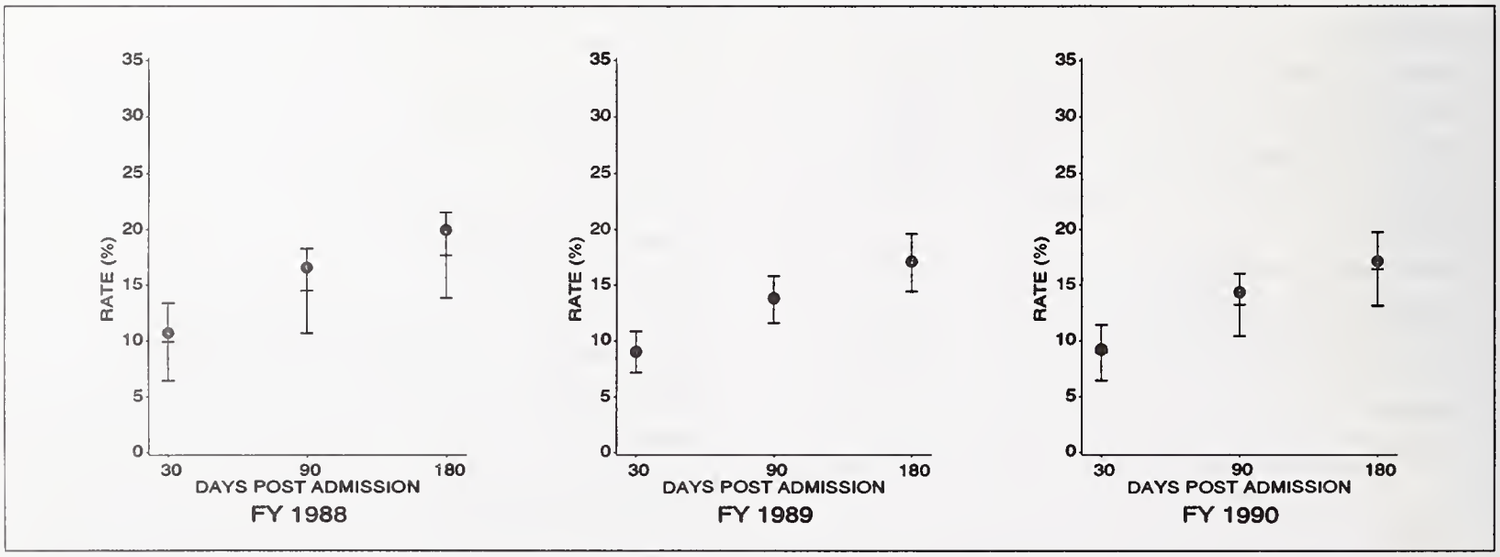
COLLEGE AND WESTERN AVES
CONWAY, AR 72032
Medicare Provider Number: 040029

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1213	9.2	8.9	1.3	14.3	13.2	1.4	17.1	16.4	1.7
CONDITIONS:										
Acute Myocardial Infarction	53	35.8	24.1	9.1	39.6	26.9	8.8	39.6	29.5	8.4
Congestive Heart Failure	49	20.4	14.6	-----	24.5	23.0	-----	30.6	29.1	-----
Pneumonia/Influenza	94	12.8	16.4	4.9	24.5	22.6	4.7	28.7	26.6	4.9
Chronic Obstructive Pulmonary Disease	22	4.5	6.9	-----	13.6	13.3	-----	18.2	18.2	-----
Transient Cerebral Ischemia	20	0.0	1.2	-----	0.0	2.7	-----	0.0	4.6	-----
Stroke	42	9.5	15.8	-----	35.7	21.9	-----	35.7	25.8	-----
Hip Fracture	50	6.0	5.3	-----	6.0	9.6	-----	6.0	12.6	-----
Sepsis	25	44.0	28.2	-----	48.0	35.3	-----	52.0	40.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	0.8	-----	0.0	1.8	-----	0.0	2.7	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	21	9.5	5.0	-----	9.5	9.5	-----	9.5	12.9	-----
Open Reduction of Hip Fracture	18	0.0	4.3	-----	0.0	7.9	-----	0.0	10.3	-----
Prostatectomy	44	0.0	1.0	-----	2.3	2.2	-----	2.3	3.8	-----
Cholecystectomy	37	2.7	2.1	-----	8.1	4.2	-----	10.8	5.7	-----
Hysterectomy	9	0.0	0.1	-----	0.0	0.2	-----	0.0	0.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



CONWAY REGIONAL HOSPITAL INC

Medicare Provider Number: 040029

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.4 years
Proportion female	57.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	40.6 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	2.2 %
Admitted for emergency	2.2 %

COMORBIDITIES:

Cancer	3.8 %
Chronic cardiovascular disease	26.4 %
Chronic liver disease	0.3 %
Chronic renal disease	2.1 %
Chronic pulmonary disease	9.3 %
Cerebrovascular degeneration	2.4 %
Diabetes mellitus	3.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	81.6%
State	15.8%
Outside State	2.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.2 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	116
Occupancy Rate	59.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	39.1 %
Case Mix Index (CMI)	1.1018

STAFFING:

Total Number of Physicians	41
Percent of Physicians Board Certified Specialists	78.0 %
Medical Residents/Interns	0
Registered Nurses	82
Licensed Practical Nurses	68

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

CORNING COMMUNITY HOSPITAL

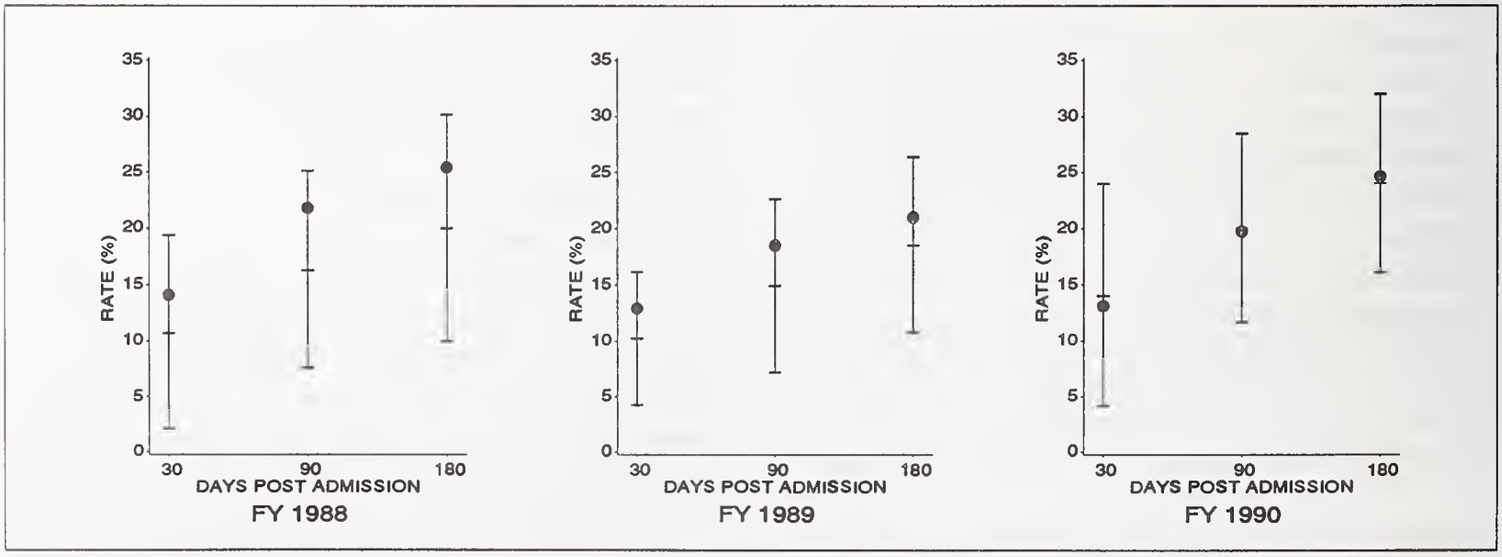
HOSPITAL DR POB 158
CORNING, AR 72422
Medicare Provider Number: 040122

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	122	13.1	14.0	5.0	19.7	20.0	4.2	24.6	24.0	4.0
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	34.2	-----	16.7	37.0	-----	16.7	39.8	-----
Congestive Heart Failure	7	14.3	18.8	-----	28.6	30.5	-----	42.9	37.2	-----
Pneumonia/Influenza	14	14.3	16.3	-----	21.4	22.7	-----	42.9	26.8	-----
Chronic Obstructive Pulmonary Disease	5	20.0	5.8	-----	20.0	9.5	-----	20.0	13.1	-----
Transient Cerebral Ischemia	1	0.0	2.9	-----	0.0	5.9	-----	0.0	8.4	-----
Stroke	0									
Hip Fracture	0									
Sepsis	2	0.0	31.3	-----	0.0	39.7	-----	0.0	45.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	0.9	-----	0.0	1.6	-----	0.0	2.3	-----
Hysterectomy	1	0.0	0.2	-----	0.0	0.6	-----	0.0	1.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



CORNING COMMUNITY HOSPITAL
Medicare Provider Number: 040122

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.6 years
Proportion female	57.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	0.0 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	42.6 %
Admitted for emergency	56.6 %

COMORBIDITIES:

Cancer	6.6 %
Chronic cardiovascular disease	27.9 %
Chronic liver disease	0.0 %
Chronic renal disease	1.6 %
Chronic pulmonary disease	9.8 %
Cerebrovascular degeneration	5.7 %
Diabetes mellitus	8.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	88.7%
State	6.6%
Outside State	4.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.1 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

PROFILE:

Total Beds	40
Ownership.Control	Private, Non-Profit
Case Mix Index (CMI)	1.0462

STAFFING:

Medical Residents/Interns	1
Registered Nurses	13
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice Care	No
Intensive Care Unit	No
Organ Transplant	Yes
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

CRAWFORD COUNTY MEMORIAL HOSPITAL

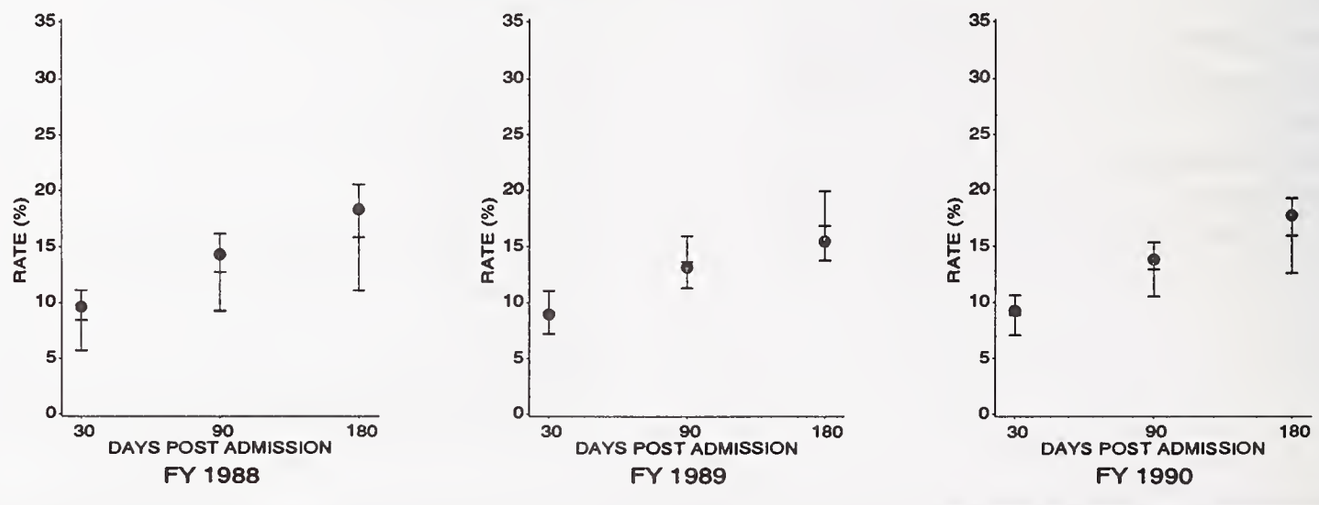
E MAIN SO 20TH STS
VAN BUREN, AR 72956
Medicare Provider Number: 040018

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1118	9.2	8.8	0.9	13.8	12.9	1.2	17.7	15.9	1.7
CONDITIONS:										
Acute Myocardial Infarction	53	34.0	25.1	10.0	43.4	27.7	12.3	45.3	30.2	12.3
Congestive Heart Failure	47	17.0	15.0	-----	23.4	23.6	-----	36.2	29.9	-----
Pneumonia/Influenza	80	16.2	14.8	4.1	21.2	20.5	4.7	26.2	24.1	5.1
Chronic Obstructive Pulmonary Disease	10	0.0	11.0	-----	0.0	20.8	-----	10.0	28.2	-----
Transient Cerebral Ischemia	9	0.0	2.1	-----	0.0	4.6	-----	0.0	7.3	-----
Stroke	38	15.8	16.4	-----	15.8	22.9	-----	26.3	26.9	-----
Hip Fracture	28	10.7	5.6	-----	10.7	9.8	-----	21.4	13.0	-----
Sepsis	10	20.0	28.9	-----	20.0	36.6	-----	30.0	40.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	12.5	2.8	-----	25.0	5.9	-----	25.0	9.0	-----
Carotid Endarterectomy	3	0.0	2.6	-----	0.0	5.1	-----	0.0	7.5	-----
Hip Replacement/Reconstruction	10	0.0	4.1	-----	10.0	7.6	-----	20.0	10.0	-----
Open Reduction of Hip Fracture	16	6.3	4.9	-----	6.3	9.0	-----	12.5	12.1	-----
Prostatectomy	107	0.0	0.7	1.0	0.0	1.5	1.8	0.0	2.5	2.7
Cholecystectomy	19	0.0	1.6	-----	5.3	2.7	-----	5.3	3.5	-----
Hysterectomy	8	0.0	0.4	-----	0.0	0.9	-----	0.0	1.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



CRAWFORD COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 040018

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.5 years
Proportion female	52.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	53.4 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	42.7 %

COMORBIDITIES:

Cancer	5.0 %
Chronic cardiovascular disease	30.9 %
Chronic liver disease	0.9 %
Chronic renal disease	1.4 %
Chronic pulmonary disease	5.7 %
Cerebrovascular degeneration	3.1 %
Diabetes mellitus	12.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	55.8%
State	37.5%
Outside State	6.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.4 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

PROFILE:

Total Beds	103
Ownership/Control	Private, For Profit
Case Mix Index (CMI)	1.1189

STAFFING:

Medical Residents/Interns	0
Registered Nurses	64
Licensed Practical Nurses	32

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice Care	No
Intensive Care Unit	Yes
Organ Transplant	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

CRITTENDEN MEMORIAL HOSPITAL

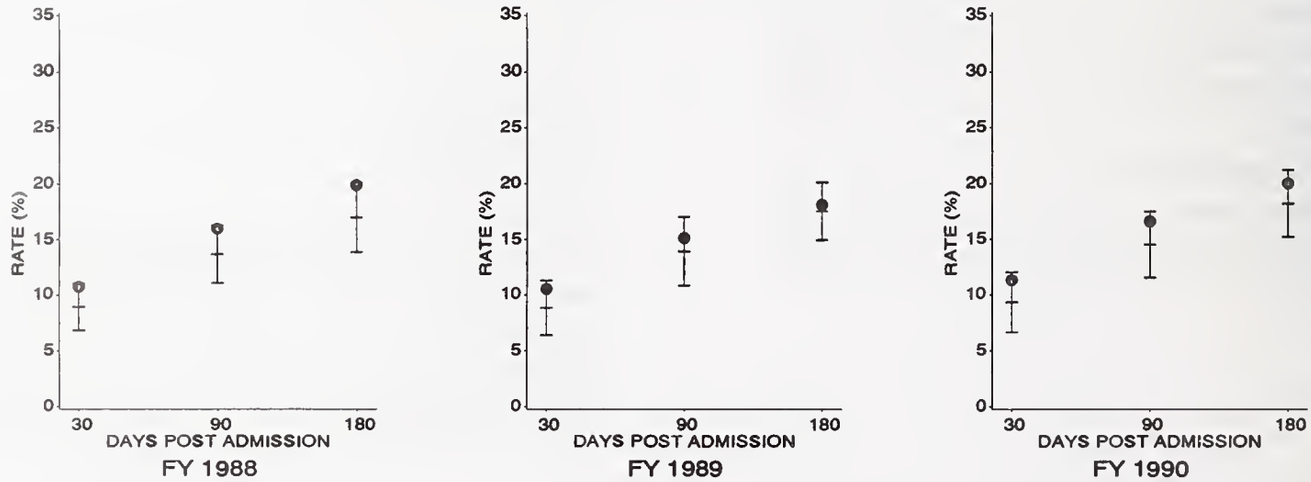
200 TYLER ST
WEST MEMPHIS, AR 72301
Medicare Provider Number: 040042

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1320	11.3	9.3	1.4	16.6	14.5	1.5	20.0	18.2	1.5
CONDITIONS:										
Acute Myocardial Infarction	17	29.4	22.9	-----	29.4	26.2	-----	29.4	29.2	-----
Congestive Heart Failure	94	17.0	12.0	6.8	24.5	19.5	9.0	31.9	25.3	9.1
Pneumonia/Influenza	26	26.9	12.1	-----	34.6	16.7	-----	34.6	19.7	-----
Chronic Obstructive Pulmonary Disease	18	5.6	6.0	-----	16.7	12.0	-----	16.7	16.7	-----
Transient Cerebral Ischemia	15	6.7	1.4	-----	6.7	3.2	-----	6.7	5.4	-----
Stroke	45	26.7	20.1	-----	33.3	26.3	-----	37.8	29.8	-----
Hip Fracture	27	7.4	9.7	-----	14.8	16.4	-----	18.5	20.4	-----
Sepsis	28	42.9	23.6	-----	53.6	32.2	-----	57.1	36.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	7.1	3.4	-----	14.3	7.2	-----	14.3	10.7	-----
Carotid Endarterectomy	7	0.0	1.0	-----	0.0	2.1	-----	0.0	3.4	-----
Hip Replacement/Reconstruction	9	0.0	3.9	-----	11.1	7.5	-----	11.1	10.0	-----
Open Reduction of Hip Fracture	16	6.3	10.3	-----	12.5	17.5	-----	18.8	21.6	-----
Prostatectomy	12	16.7	0.9	-----	16.7	2.0	-----	16.7	3.3	-----
Choiecystectomy	23	0.0	3.3	-----	4.3	5.8	-----	4.3	7.2	-----
Hysterectomy	13	0.0	0.1	-----	0.0	0.2	-----	0.0	0.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



CRITTENDEN MEMORIAL HOSPITAL
Medicare Provider Number: 040042

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	73.5 years
Proportion female	57.2 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	37.6 %
Transferred from skilled nursing facility	0.9 %
Admitted for elective procedure	19.0 %
Admitted for emergency	1.9 %

COMORBIDITIES:	
Cancer	7.0 %
Chronic cardiovascular disease	27.7 %
Chronic liver disease	0.8 %
Chronic renal disease	5.5 %
Chronic pulmonary disease	13.5 %
Cerebrovascular degeneration	5.2 %
Diabetes mellitus	8.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	62.2%
State	33.5%
Outside State	4.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	8.6 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	146
Occupancy Rate	58.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	49.9 %
Case Mix Index (CMI)	1.2628
STAFFING:	
Total Number of Physicians	43
Percent of Physicians Board Certified Specialists	72.1 %
Medical Residents/Interns	0
Registered Nurses	74
Licensed Practical Nurses	47

** Except for CMI

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

CROSS COUNTY HOSPITAL

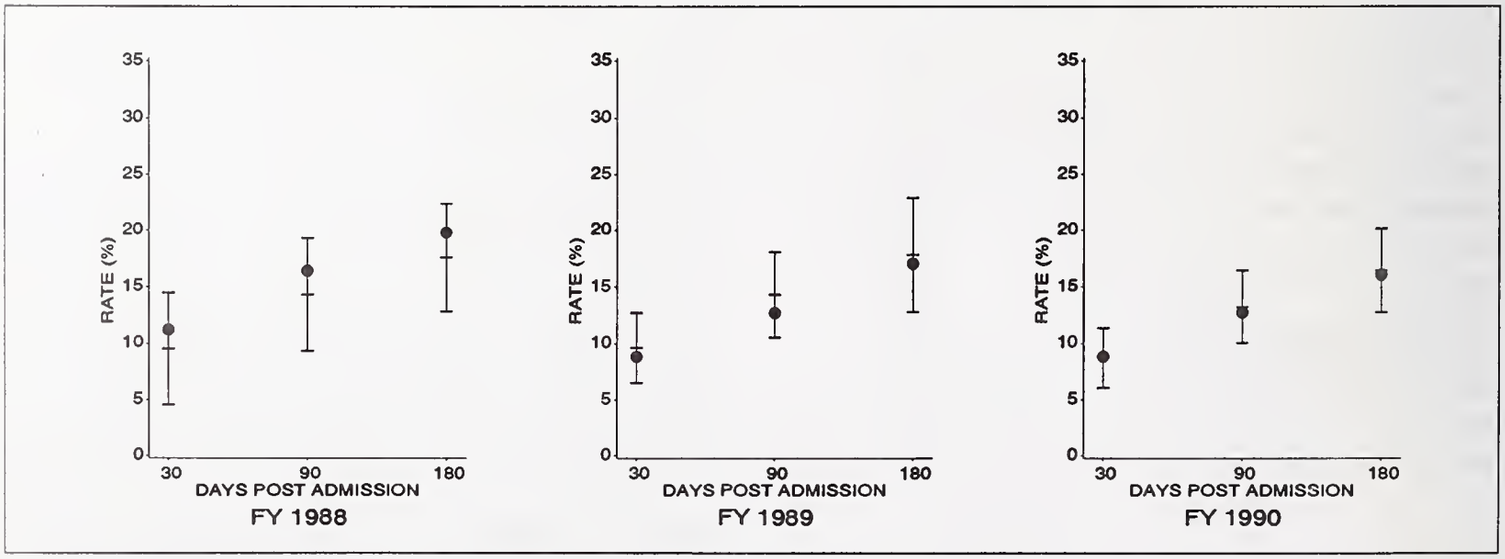
310 316 S FALLS BLVD
WYNNE, AR 72396
Medicare Provider Number: 040025

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	489	8.8	8.7	1.3	12.7	13.2	1.6	16.0	16.4	1.9
CONDITIONS:										
Acute Myocardial Infarction	18	22.2	25.0	-----	22.2	28.2	-----	22.2	30.9	-----
Congestive Heart Failure	50	14.0	14.4	-----	18.0	22.7	-----	24.0	28.4	-----
Pneumonia/Influenza	31	12.9	14.4	-----	12.9	19.9	-----	16.1	23.4	-----
Chronic Obstructive Pulmonary Disease	14	0.0	5.5	-----	0.0	10.5	-----	7.1	14.5	-----
Transient Cerebral Ischemia	14	0.0	1.3	-----	0.0	3.0	-----	0.0	5.1	-----
Stroke	20	30.0	19.8	-----	35.0	26.1	-----	35.0	30.1	-----
Hip Fracture	4	25.0	6.9	-----	25.0	12.9	-----	25.0	18.2	-----
Sepsis	6	0.0	18.1	-----	16.7	26.1	-----	16.7	30.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	4.5	-----	33.3	9.5	-----	33.3	13.2	-----
Open Reduction of Hip Fracture	1	100.0	8.5	-----	100.0	13.9	-----	100.0	19.6	-----
Prostatectomy	0									
Cholecystectomy	6	16.7	6.8	-----	33.3	13.4	-----	33.3	18.8	-----
Hysterectomy	6	0.0	0.4	-----	0.0	1.0	-----	0.0	1.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



CROSS COUNTY HOSPITAL
Medicare Provider Number: 040025

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.2 years
Proportion female	62.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	57.3 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	0.0 %

COMORBIDITIES:

Cancer	2.2 %
Chronic cardiovascular disease	44.2 %
Chronic liver disease	0.2 %
Chronic renal disease	1.0 %
Chronic pulmonary disease	16.8 %
Cerebrovascular degeneration	4.5 %
Diabetes mellitus	8.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	73.7%
State	25.2%
Outside State	1.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.8 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	53
Occupancy Rate	63.0 %
Ownership/Control	Local Government
Medicare Discharges	39.8 %
Case Mix Index (CMI)	1.0371

STAFFING:

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	37.5 %
Medical Residents/Interns	0
Registered Nurses	27
Licensed Practical Nurses	29

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

DALLAS COUNTY HOSPITAL

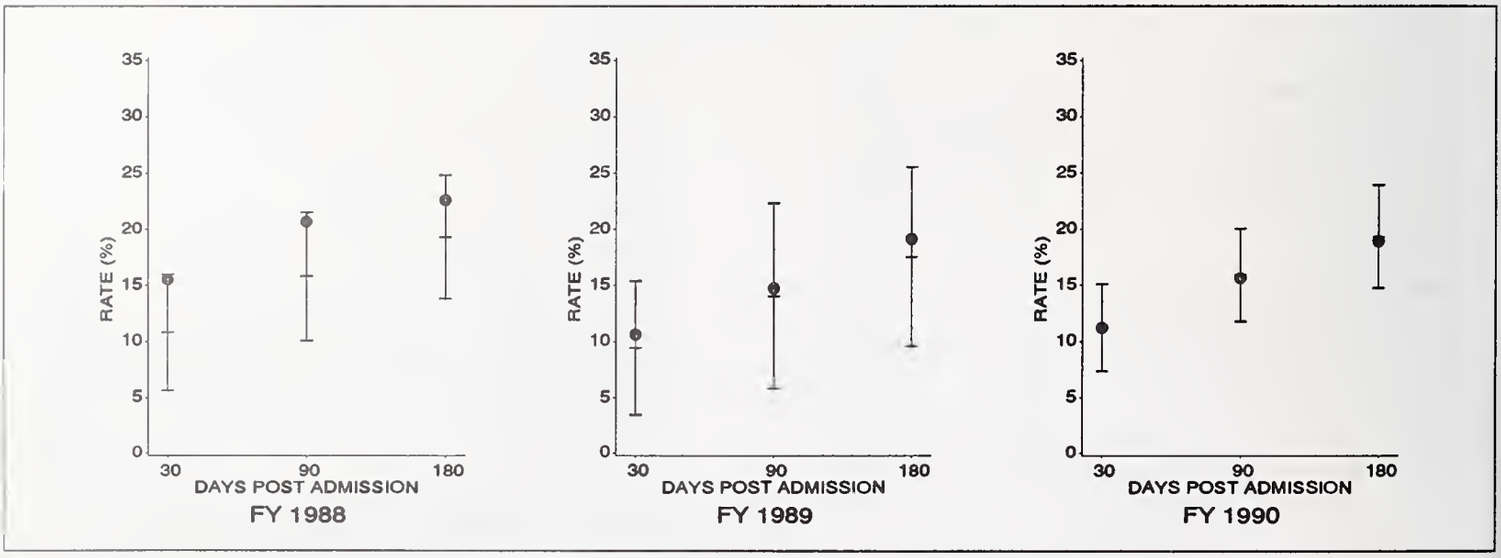
201 CLIFTON ST
FORDYCE, AR 71742
Medicare Provider Number: 040090

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	339	11.2	11.2	1.9	15.6	15.9	2.1	18.9	19.3	2.3
CONDITIONS:										
Acute Myocardial Infarction	14	50.0	28.9	-----	57.1	32.3	-----	57.1	34.5	-----
Congestive Heart Failure	24	12.5	15.6	-----	25.0	24.9	-----	25.0	30.7	-----
Pneumonia/Influenza	26	15.4	13.3	-----	19.2	18.0	-----	23.1	21.2	-----
Chronic Obstructive Pulmonary Disease	11	0.0	4.5	-----	0.0	8.1	-----	0.0	11.2	-----
Transient Cerebral Ischemia	9	0.0	2.6	-----	0.0	5.8	-----	0.0	9.2	-----
Stroke	16	25.0	20.5	-----	31.3	25.5	-----	37.5	28.8	-----
Hip Fracture	1	0.0	2.8	-----	0.0	5.6	-----	0.0	7.6	-----
Sepsis	4	0.0	33.7	-----	0.0	39.0	-----	0.0	43.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



DALLAS COUNTY HOSPITAL

Medicare Provider Number: 040090

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.7 years
Proportion female	59.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	34.5 %
Transferred from skilled nursing facility	0.9 %
Admitted for elective procedure	0.6 %
Admitted for emergency	75.2 %

COMORBIDITIES:

Cancer	4.1 %
Chronic cardiovascular disease	36.6 %
Chronic liver disease	1.2 %
Chronic renal disease	5.6 %
Chronic pulmonary disease	16.8 %
Cerebrovascular degeneration	2.4 %
Diabetes mellitus	9.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	63.0%
State	36.0%
Outside State	1.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.6 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1991

PROFILE:

Total Beds	49
Ownership.Control	Private, Non-Profit
Case Mix Index (CMI)	0.9722

STAFFING:

Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	15

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice Care	No
Intensive Care Unit	No
Organ Transplant	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

DARDANELLE HOSPITAL

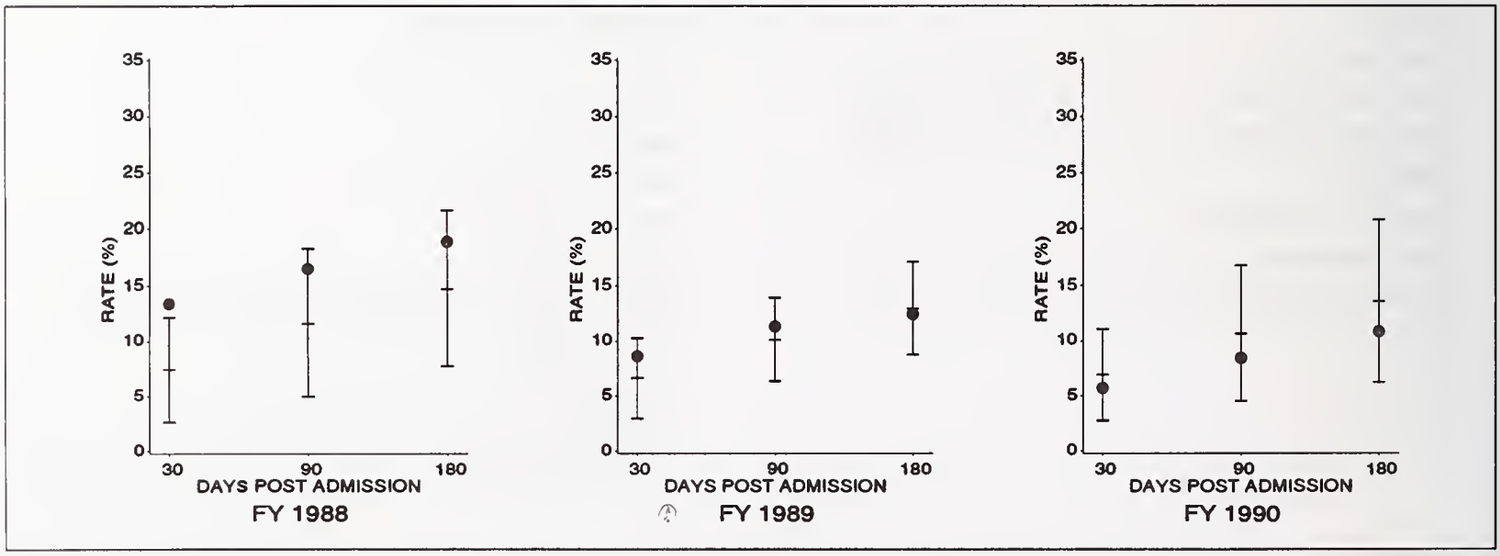
200 NORTH THIRD STREET
DARDANELLE, AR 72834
Medicare Provider Number: 040030

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	296	5.7	6.9	2.1	8.4	10.6	3.1	10.8	13.5	3.7
CONDITIONS:										
Acute Myocardial Infarction	10	10.0	18.3	-----	10.0	20.1	-----	10.0	22.3	-----
Congestive Heart Failure	12	8.3	14.5	-----	8.3	22.9	-----	16.7	28.3	-----
Pneumonia/Influenza	29	3.4	13.5	-----	10.3	19.5	-----	10.3	23.3	-----
Chronic Obstructive Pulmonary Disease	8	0.0	6.9	-----	12.5	12.2	-----	12.5	16.3	-----
Transient Cerebral Ischemia	3	0.0	1.7	-----	0.0	3.9	-----	0.0	6.4	-----
Stroke	8	12.5	15.4	-----	37.5	19.6	-----	37.5	23.4	-----
Hip Fracture	0									
Sepsis	3	33.3	29.7	-----	33.3	34.7	-----	33.3	38.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	18	11.1	1.4	-----	11.1	3.0	-----	11.1	4.9	-----
Cholecystectomy	7	0.0	7.4	-----	0.0	11.8	-----	14.3	14.0	-----
Hysterectomy	2	0.0	0.3	-----	0.0	0.8	-----	0.0	1.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



DARDANELLE HOSPITAL
Medicare Provider Number: 040030

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.8 years
Proportion female	54.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	49.7 %
Transferred from skilled nursing facility	8.8 %
Admitted for elective procedure	8.8 %
Admitted for emergency	1.0 %

COMORBIDITIES:

Cancer	6.1 %
Chronic cardiovascular disease	27.4 %
Chronic liver disease	0.0 %
Chronic renal disease	0.7 %
Chronic pulmonary disease	21.6 %
Cerebrovascular degeneration	2.7 %
Diabetes mellitus	2.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	60.5%
State	38.4%
Outside State	1.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.6 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	44
Occupancy Rate	27.0 %
Ownership/Control	Local Government
Medicare Discharges	45.8 %
Case Mix Index (CMI)	0.9110

STAFFING:

Total Number of Physicians	32
Percent of Physicians Board Certified Specialists	100.0 %
Medical Residents/Interns	0
Registered Nurses	13
Licensed Practical Nurses	11

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

DELTA MEMORIAL HOSPITAL ASSOCIATION

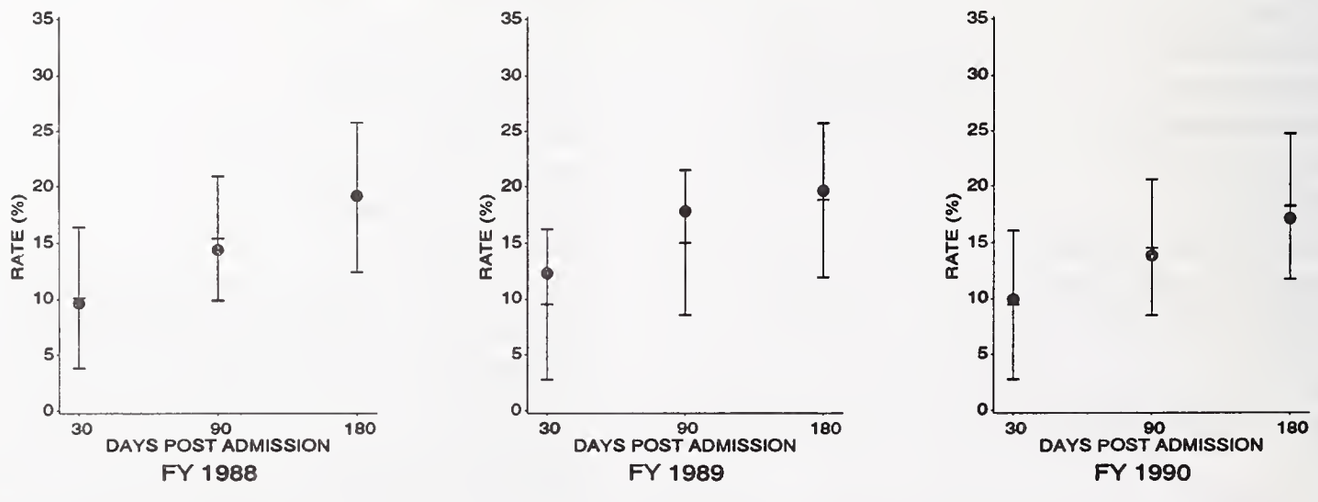
300 EAST PICKENS
DUMAS, AR 71639
Medicare Provider Number: 040053

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	152	9.9	9.4	3.3	13.8	14.5	3.0	17.1	18.2	3.3
CONDITIONS:										
Acute Myocardial Infarction	7	0.0	19.7	-----	0.0	22.4	-----	0.0	25.0	-----
Congestive Heart Failure	13	15.4	13.9	-----	15.4	22.1	-----	15.4	28.5	-----
Pneumonia/Influenza	20	10.0	10.2	-----	10.0	14.2	-----	10.0	17.1	-----
Chronic Obstructive Pulmonary Disease	3	0.0	7.2	-----	0.0	11.8	-----	0.0	15.4	-----
Transient Cerebral Ischemia	0									
Stroke	10	30.0	16.0	-----	30.0	20.9	-----	30.0	24.1	-----
Hip Fracture	2	0.0	5.5	-----	0.0	10.3	-----	0.0	14.3	-----
Sepsis	2	50.0	17.7	-----	50.0	23.9	-----	50.0	27.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	6.9	-----	0.0	13.9	-----	0.0	19.4	-----
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.3	-----	0.0	2.2	-----	0.0	2.6	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



DELTA MEMORIAL HOSPITAL ASSOCIATION

Medicare Provider Number: 040053

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.3 years
Proportion female	55.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	62.5 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	0.0 %

COMORBIDITIES:

Cancer	2.6 %
Chronic cardiovascular disease	28.9 %
Chronic liver disease	0.7 %
Chronic renal disease	2.6 %
Chronic pulmonary disease	20.4 %
Cerebrovascular degeneration	3.3 %
Diabetes mellitus	11.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	69.5%
State	29.6%
Outside State	0.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.8 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	35
Occupancy Rate	25.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	31.1 %
Case Mix Index (CMI)	1.0844

STAFFING:

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	20.0 %
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

DERMOTT-CHICOT MEMORIAL HOSPITAL

700 W GAINES ST
DERMOTT, AR 71638
Medicare Provider Number: 040033

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	30	10.0	8.0	-----	10.0	12.5	-----	10.0	15.6	-----
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	21.2	-----	0.0	23.8	-----	0.0	26.9	-----
Congestive Heart Failure	2	0.0	14.5	-----	0.0	25.4	-----	0.0	32.8	-----
Pneumonia/Influenza	4	25.0	12.8	-----	25.0	16.9	-----	25.0	19.3	-----
Chronic Obstructive Pulmonary Disease	2	0.0	3.8	-----	0.0	7.0	-----	0.0	9.6	-----
Transient Cerebral Ischemia	0									
Stroke	1	100.0	22.7	-----	100.0	34.3	-----	100.0	40.0	-----
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation was not computed for one or more of the three fiscal years, (1988, 1989, or 1990)

DERMOTT-CHICOT MEMORIAL HOSPITAL
Medicare Provider Number: 040033

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.2 years
Proportion female	60.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	50.0 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	83.3 %
Admitted for emergency	13.3 %

COMORBIDITIES:

Cancer	6.7 %
Chronic cardiovascular disease	30.0 %
Chronic liver disease	0.0 %
Chronic renal disease	3.3 %
Chronic pulmonary disease	10.0 %
Cerebrovascular degeneration	0.0 %
Diabetes mellitus	6.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	68.3%
State	24.4%
Outside State	7.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.0 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1989

PROFILE:

Total Beds	29
Ownership.Control	Private, Non-Profit
Case Mix Index (CMI)	0.9133

STAFFING:

Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice Care	No
Intensive Care Unit	No
Organ Transplant	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

DEWITT CITY HOSPITAL

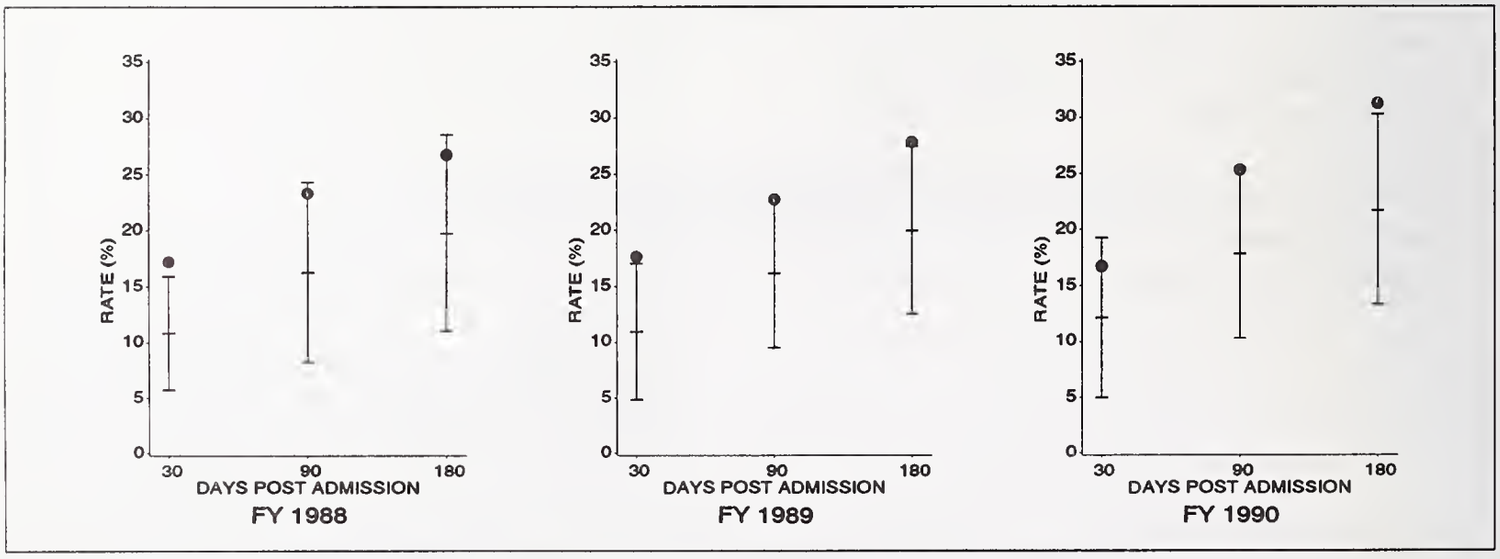
HWY 1 AT MADISON POB 32
DEWITT, AR 72042
Medicare Provider Number: 040064

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	186	16.7	12.1	3.6	25.3	17.8	3.8	31.2	21.7	4.3
CONDITIONS:										
Acute Myocardial Infarction	11	27.3	31.0	-----	36.4	34.4	-----	36.4	37.0	-----
Congestive Heart Failure	13	46.2	18.6	-----	46.2	30.2	-----	69.2	38.1	-----
Pneumonia/Influenza	17	35.3	18.1	-----	41.2	24.6	-----	41.2	28.8	-----
Chronic Obstructive Pulmonary Disease	8	0.0	9.6	-----	12.5	16.6	-----	12.5	22.1	-----
Transient Cerebral Ischemia	3	0.0	1.9	-----	0.0	4.3	-----	0.0	7.2	-----
Stroke	12	33.3	23.1	-----	41.7	30.4	-----	58.3	35.1	-----
Hip Fracture	1	0.0	3.6	-----	0.0	6.9	-----	0.0	8.9	-----
Sepsis	1	0.0	5.7	-----	0.0	8.2	-----	0.0	10.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



DEWITT CITY HOSPITAL
Medicare Provider Number: 040064

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.8 years
Proportion female	59.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	40.3 %
Transferred from skilled nursing facility	0.5 %
Admitted for elective procedure	1.1 %
Admitted for emergency	6.5 %

COMORBIDITIES:

Cancer	4.3 %
Chronic cardiovascular disease	40.9 %
Chronic liver disease	0.5 %
Chronic renal disease	6.5 %
Chronic pulmonary disease	17.2 %
Cerebrovascular degeneration	0.5 %
Diabetes mellitus	7.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	91.7%
State	7.3%
Outside State	1.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.6 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	84
Occupancy Rate	72.0 %
Ownership/Control	Local Government
Medicare Discharges	59.4 %
Case Mix Index (CMI)	0.9082

STAFFING:

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	80.0 %
Medical Residents/Interns	0
Registered Nurses	4
Licensed Practical Nurses	12

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

DOCTORS HOSPITAL

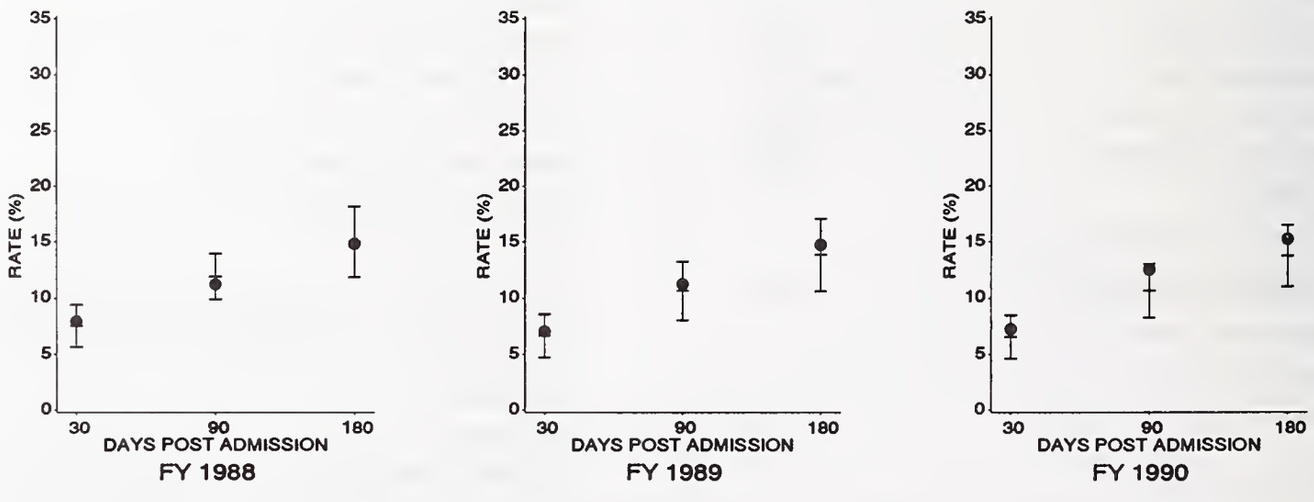
500 SO UNIVERSITY
LITTLE ROCK, AR 72205
Medicare Provider Number: 040116

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1380	7.2	6.5	1.0	12.5	10.6	1.2	15.2	13.7	1.4
CONDITIONS:										
Acute Myocardial Infarction	27	37.0	26.1	-----	40.7	29.2	-----	48.1	32.2	-----
Congestive Heart Failure	61	19.7	13.4	7.5	29.5	21.1	8.2	29.5	27.1	6.1
Pneumonia/Influenza	35	25.7	13.6	-----	40.0	19.1	-----	42.9	22.6	-----
Chronic Obstructive Pulmonary Disease	10	10.0	4.3	-----	10.0	7.7	-----	10.0	10.4	-----
Transient Cerebral Ischemia	11	0.0	1.3	-----	0.0	3.0	-----	0.0	5.1	-----
Stroke	35	17.1	16.6	-----	25.7	22.4	-----	28.6	26.3	-----
Hip Fracture	22	4.5	5.3	-----	4.5	9.6	-----	13.6	13.0	-----
Sepsis	9	11.1	20.9	-----	22.2	32.3	-----	33.3	38.8	-----
PROCEDURES:										
Angioplasty	10	20.0	5.4	-----	20.0	6.7	-----	30.0	7.9	-----
Coronary Artery Bypass Graft	33	9.1	6.5	-----	18.2	9.1	-----	21.2	10.2	-----
Initial Pacemaker Insertion	10	0.0	1.7	-----	0.0	4.0	-----	0.0	6.6	-----
Carotid Endarterectomy	6	0.0	1.5	-----	16.7	2.8	-----	16.7	4.4	-----
Hip Replacement/Reconstruction	24	4.2	1.5	-----	4.2	2.9	-----	4.2	4.0	-----
Open Reduction of Hip Fracture	13	0.0	4.7	-----	0.0	8.9	-----	7.7	12.2	-----
Prostatectomy	22	4.5	1.2	-----	4.5	2.8	-----	4.5	4.8	-----
Cholecystectomy	41	2.4	1.8	-----	4.9	3.2	-----	7.3	4.2	-----
Hysterectomy	29	0.0	0.6	-----	0.0	1.3	-----	0.0	2.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



DOCTORS HOSPITAL
Medicare Provider Number: 040116

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	72.7 years
Proportion female	61.2 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	96.0 %
Transferred from skilled nursing facility	1.2 %
Admitted for elective procedure	22.8 %
Admitted for emergency	5.5 %

COMORBIDITIES:

Cancer	7.2 %
Chronic cardiovascular disease	27.2 %
Chronic liver disease	0.7 %
Chronic renal disease	2.5 %
Chronic pulmonary disease	9.3 %
Cerebrovascular degeneration	1.6 %
Diabetes mellitus	6.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	51.4%
State	46.6%
Outside State	2.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.4 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	309
Occupancy Rate	46.0 %
Ownership/Control	Private, For Profit
Medicare Discharges	23.0 %
Case Mix Index (CMI)	1.2655

STAFFING:

Total Number of Physicians	525
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	246
Licensed Practical Nurses	102

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

DREW MEMORIAL HOSPITAL

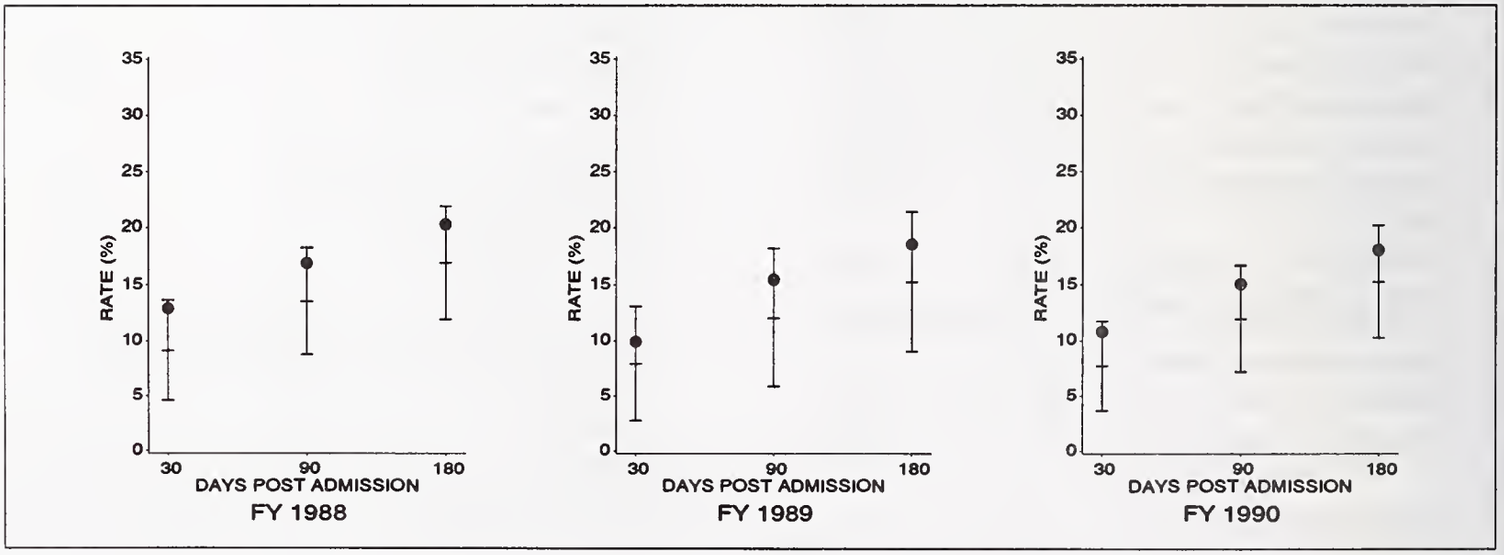
778 SCOGIN DR POB 538
MONTICELLO, AR 71655
Medicare Provider Number: 040051

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	434	10.8	7.7	2.0	15.0	11.9	2.4	18.0	15.2	2.5
CONDITIONS:										
Acute Myocardial Infarction	12	58.3	30.7	-----	75.0	34.1	-----	75.0	37.5	-----
Congestive Heart Failure	20	30.0	14.3	-----	35.0	22.8	-----	45.0	29.3	-----
Pneumonia/Influenza	31	9.7	11.8	-----	12.9	16.5	-----	16.1	19.8	-----
Chronic Obstructive Pulmonary Disease	18	11.1	6.4	-----	11.1	11.6	-----	11.1	15.8	-----
Transient Cerebral Ischemia	11	0.0	2.1	-----	0.0	5.1	-----	0.0	8.7	-----
Stroke	19	52.6	22.6	-----	57.9	29.5	-----	68.4	33.9	-----
Hip Fracture	7	14.3	5.7	-----	14.3	9.1	-----	28.6	11.6	-----
Sepsis	4	0.0	13.0	-----	25.0	21.3	-----	50.0	26.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	5.9	-----	33.3	9.8	-----	33.3	12.6	-----
Open Reduction of Hip Fracture	3	0.0	5.2	-----	0.0	8.5	-----	33.3	11.1	-----
Prostatectomy	0									
Cholecystectomy	1	0.0	0.9	-----	0.0	1.8	-----	0.0	2.4	-----
Hysterectomy	4	0.0	0.4	-----	0.0	1.0	-----	0.0	1.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



DREW MEMORIAL HOSPITAL

Medicare Provider Number: 040051

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.0 years
Proportion female	61.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	50.7 %
Transferred from skilled nursing facility	0.2 %
Admitted for elective procedure	4.1 %
Admitted for emergency	1.4 %

COMORBIDITIES:

Cancer	6.7 %
Chronic cardiovascular disease	25.6 %
Chronic liver disease	1.2 %
Chronic renal disease	0.7 %
Chronic pulmonary disease	14.3 %
Cerebrovascular degeneration	4.6 %
Diabetes mellitus	7.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	82.0%
State	16.1%
Outside State	1.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.8 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	50
Occupancy Rate	46.0 %
Ownership/Control	Local Government
Medicare Discharges	32.4 %
Case Mix Index (CMI)	0.9166

STAFFING:

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	14.3 %
Medical Residents/Interns	0
Registered Nurses	25
Licensed Practical Nurses	25

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

EUREKA SPRINGS HOSPITAL

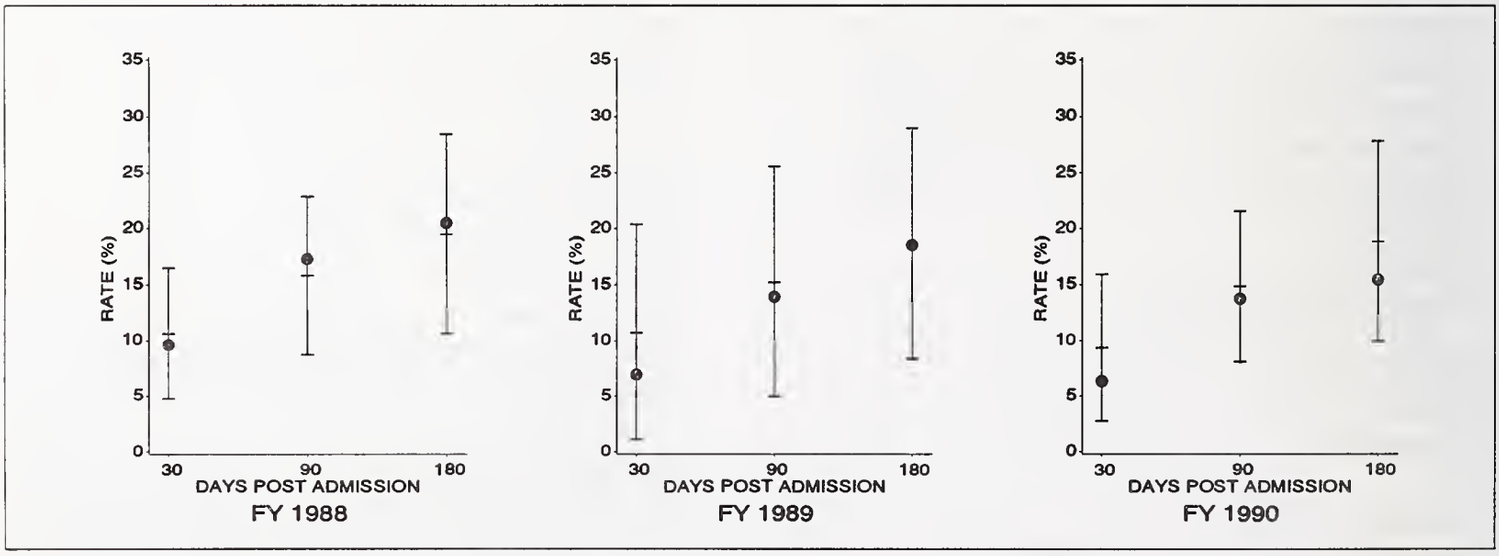
24 NORRIS ST
EUREKA SPRINGS, AR 72632
Medicare Provider Number: 040005

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	175	6.3	9.3	3.3	13.7	14.8	3.4	15.4	18.8	4.5
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	26.4	-----	25.0	32.7	-----	25.0	35.4	-----
Congestive Heart Failure	10	20.0	14.4	-----	30.0	23.9	-----	30.0	30.8	-----
Pneumonia/Influenza	8	0.0	14.5	-----	12.5	20.6	-----	25.0	24.9	-----
Chronic Obstructive Pulmonary Disease	6	0.0	4.6	-----	16.7	9.1	-----	16.7	13.4	-----
Transient Cerebral Ischemia	3	0.0	1.2	-----	0.0	3.0	-----	0.0	5.2	-----
Stroke	12	8.3	17.4	-----	8.3	23.6	-----	8.3	27.1	-----
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	0.9	-----	0.0	1.6	-----	0.0	2.0	-----
Hysterectomy	1	0.0	0.1	-----	0.0	0.2	-----	0.0	0.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



EUREKA SPRINGS HOSPITAL
Medicare Provider Number: 040005

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.5 years
Proportion female	65.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	94.3 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	1.7 %

COMORBIDITIES:

Cancer	6.9 %
Chronic cardiovascular disease	22.3 %
Chronic liver disease	1.1 %
Chronic renal disease	5.7 %
Chronic pulmonary disease	12.6 %
Cerebrovascular degeneration	6.9 %
Diabetes mellitus	6.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	78.3%
State	11.6%
Outside State	10.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.5 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	18
Occupancy Rate	44.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	60.7 %
Case Mix Index (CMI)	1.0349

STAFFING:

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	100.0 %
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	3

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

FAYETTEVILLE CITY HOSPITAL

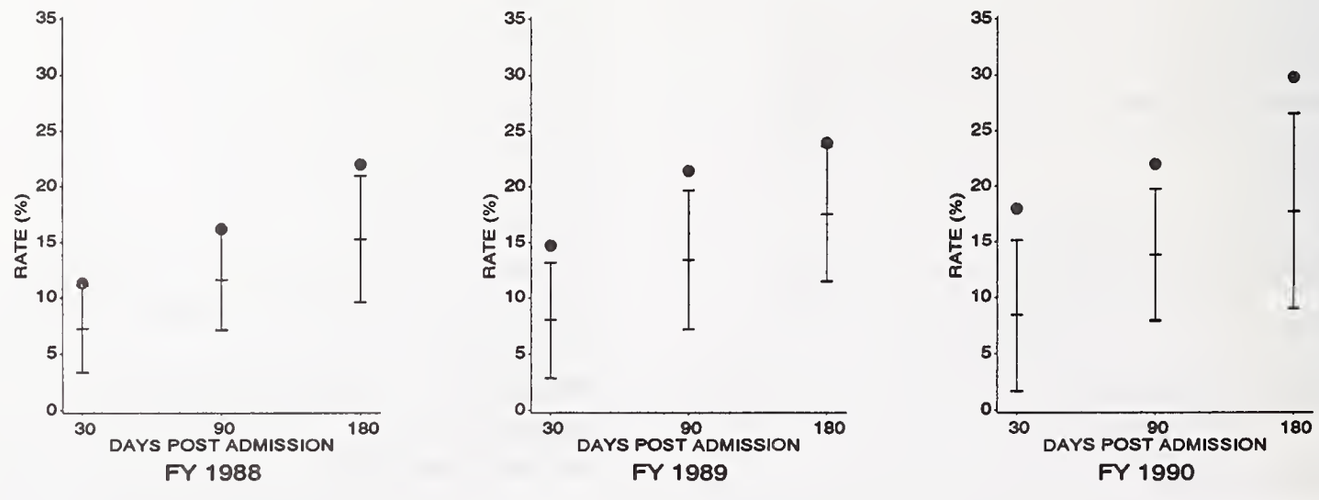
221 S SCHOOL AVE
FAYETTEVILLE, AR 72701
Medicare Provider Number: 040013

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	205	18.0	8.4	3.4	22.0	13.8	3.0	29.8	17.7	4.4
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	19.1	-----	0.0	21.4	-----	0.0	24.0	-----
Congestive Heart Failure	12	41.7	15.6	-----	58.3	25.9	-----	66.7	32.3	-----
Pneumonia/Influenza	35	20.0	11.9	-----	25.7	17.2	-----	31.4	20.8	-----
Chronic Obstructive Pulmonary Disease	2	0.0	3.0	-----	0.0	6.5	-----	0.0	10.4	-----
Transient Cerebral Ischemia	0									
Stroke	2	0.0	28.2	-----	0.0	38.9	-----	0.0	44.3	-----
Hip Fracture	0									
Sepsis	3	66.7	22.4	-----	100.0	32.3	-----	100.0	37.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.9	-----	0.0	6.8	-----	0.0	10.8	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FAYETTEVILLE CITY HOSPITAL

Medicare Provider Number: 040013

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	79.3 years
Proportion female	68.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	92.7 %
Transferred from skilled nursing facility	1.0 %
Admitted for elective procedure	91.7 %
Admitted for emergency	4.9 %

COMORBIDITIES:

Cancer	5.4 %
Chronic cardiovascular disease	28.8 %
Chronic liver disease	1.0 %
Chronic renal disease	2.0 %
Chronic pulmonary disease	8.3 %
Cerebrovascular degeneration	15.1 %
Diabetes mellitus	8.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	90.9%
State	5.2%
Outside State	3.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.1 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	153
Occupancy Rate	86.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	63.6 %
Case Mix Index (CMI)	1.0092

STAFFING:

Total Number of Physicians	30
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	20

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

FULTON COUNTY HOSPITAL

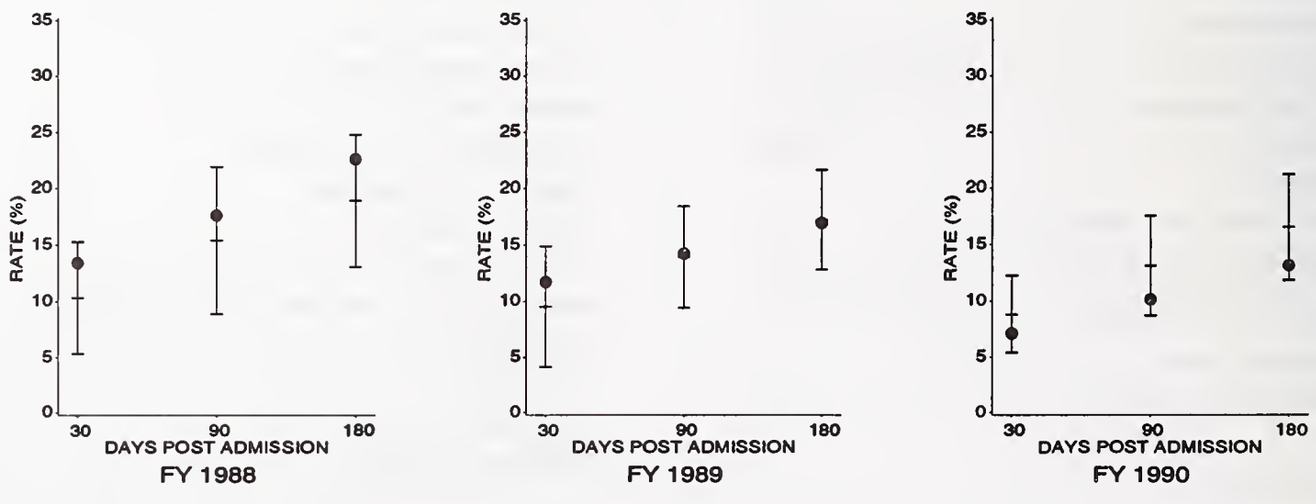
HWY 9 NO
SALEM, AR 72576
Medicare Provider Number: 040035

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	366	7.1	8.8	1.7	10.1	13.1	2.2	13.1	16.5	2.4
CONDITIONS:										
Acute Myocardial Infarction	10	0.0	24.6	-----	10.0	27.6	-----	20.0	31.1	-----
Congestive Heart Failure	21	38.1	13.7	-----	38.1	21.4	-----	38.1	27.1	-----
Pneumonia/Influenza	41	7.3	13.5	-----	7.3	18.4	-----	7.3	21.6	-----
Chronic Obstructive Pulmonary Disease	13	0.0	5.4	-----	7.7	9.7	-----	15.4	13.5	-----
Transient Cerebral Ischemia	7	14.3	3.0	-----	14.3	6.8	-----	28.6	11.2	-----
Stroke	12	16.7	20.2	-----	25.0	26.2	-----	25.0	30.4	-----
Hip Fracture	1	0.0	3.4	-----	0.0	6.7	-----	0.0	9.1	-----
Sepsis	3	0.0	21.9	-----	0.0	28.9	-----	0.0	34.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	10	0.0	1.0	-----	0.0	2.5	-----	0.0	4.5	-----
Cholecystectomy	1	0.0	0.3	-----	0.0	0.6	-----	0.0	0.9	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FULTON COUNTY HOSPITAL
Medicare Provider Number: 040035

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.2 years
Proportion female	59.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	39.6 %
Transferred from skilled nursing facility	0.8 %
Admitted for elective procedure	6.3 %
Admitted for emergency	0.0 %

COMORBIDITIES:

Cancer	8.5 %
Chronic cardiovascular disease	33.6 %
Chronic liver disease	0.8 %
Chronic renal disease	1.6 %
Chronic pulmonary disease	19.4 %
Cerebrovascular degeneration	3.6 %
Diabetes mellitus	4.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	52.8%
State	35.7%
Outside State	11.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.1 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	49
Occupancy Rate	29.0 %
Ownership/Control	Local Government
Medicare Discharges	63.8 %
Case Mix Index (CMI)	0.9168

STAFFING:

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	12
Licensed Practical Nurses	16

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

GRAVETTE MEDICAL CENTER HOSPITAL

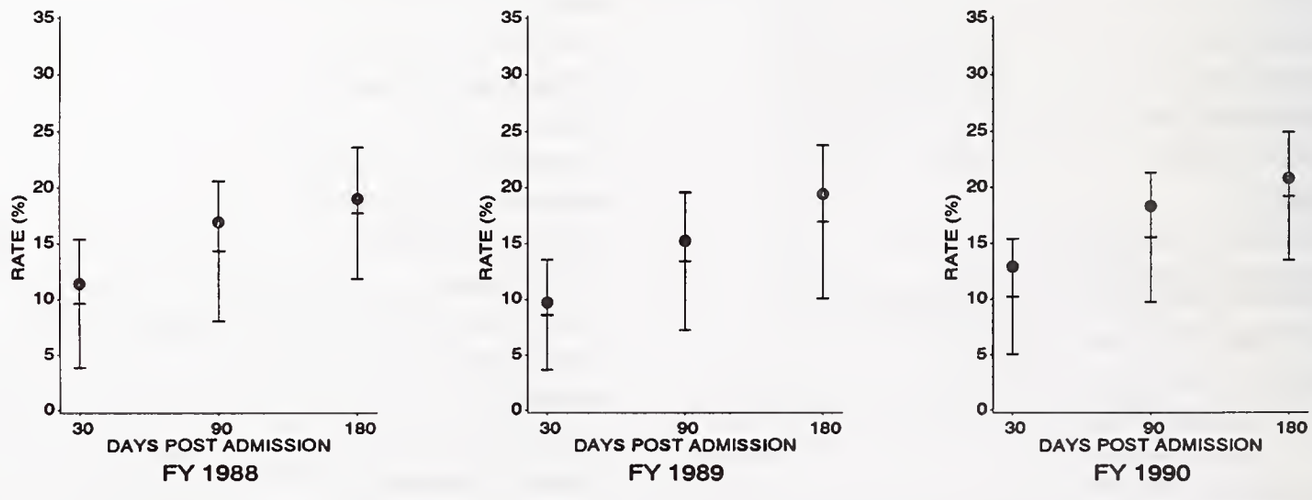
#1 HOSPITAL ROAD, POB 470
GRAVETTE, AR 72736
Medicare Provider Number: 040075

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	404	12.9	10.2	2.6	18.3	15.5	2.9	20.8	19.2	2.9
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	25.0	-----	36.4	27.6	-----	36.4	30.3	-----
Congestive Heart Failure	21	14.3	14.5	-----	23.8	23.1	-----	28.6	29.9	-----
Pneumonia/influenza	61	13.1	13.8	4.7	19.7	18.9	5.1	24.6	22.2	5.8
Chronic Obstructive Pulmonary Disease	7	0.0	2.8	-----	14.3	5.6	-----	14.3	7.7	-----
Transient Cerebral Ischemia	8	0.0	1.1	-----	0.0	2.7	-----	0.0	4.6	-----
Stroke	23	26.1	15.9	-----	39.1	22.8	-----	39.1	26.8	-----
Hip Fracture	1	0.0	4.1	-----	100.0	8.5	-----	100.0	11.5	-----
Sepsis	4	50.0	24.3	-----	50.0	31.4	-----	75.0	34.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	3.2	-----	33.3	6.4	-----	33.3	9.9	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	9	0.0	1.0	-----	0.0	2.3	-----	0.0	4.0	-----
Cholecystectomy	13	7.7	1.9	-----	7.7	3.6	-----	15.4	5.1	-----
Hysterectomy	0									

* The Standard Deviation (SD) Is not caiculated if the number of deaths or cases is too smali for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



GRAVETTE MEDICAL CENTER HOSPITAL
Medicare Provider Number: 040075

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.4 years
Proportion female	50.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	51.0 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	57.4 %

COMORBIDITIES:

Cancer	7.7 %
Chronic cardiovascular disease	35.6 %
Chronic liver disease	1.0 %
Chronic renal disease	2.2 %
Chronic pulmonary disease	23.8 %
Cerebrovascular degeneration	4.5 %
Diabetes mellitus	7.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	46.9%
State	1.5%
Outside State	51.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.3 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	99
Occupancy Rate	25.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	28.0 %
Case Mix Index (CMI)	1.1079

STAFFING:

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

HARRIS HOSPITAL

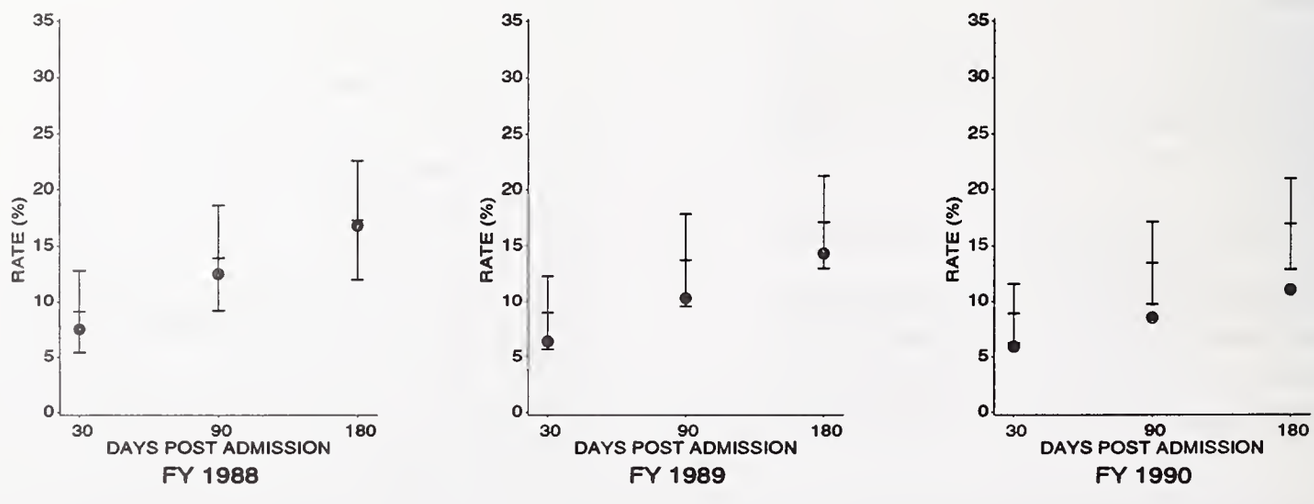
1205 MCLAIN ST
NEWPORT, AR 72112
Medicare Provider Number: 040080

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	627	5.9	8.9	1.3	8.5	13.4	1.8	11.0	16.9	2.0
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	21.1	-----	28.6	24.7	-----	28.6	27.6	-----
Congestive Heart Failure	41	7.3	15.9	-----	14.6	25.2	-----	24.4	32.2	-----
Pneumonia/Influenza	58	5.2	10.5	5.7	10.3	14.6	5.9	12.1	17.8	6.2
Chronic Obstructive Pulmonary Disease	10	0.0	3.8	-----	0.0	7.7	-----	0.0	11.7	-----
Transient Cerebral Ischemia	31	0.0	1.7	-----	3.2	3.9	-----	3.2	6.5	-----
Stroke	12	16.7	16.4	-----	16.7	23.9	-----	16.7	28.2	-----
Hip Fracture	6	0.0	4.9	-----	0.0	8.1	-----	16.7	10.6	-----
Sepsis	9	0.0	14.2	-----	11.1	19.8	-----	11.1	23.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	5.2	-----	0.0	8.4	-----	0.0	10.8	-----
Open Reduction of Hip Fracture	1	0.0	2.7	-----	0.0	4.7	-----	0.0	6.3	-----
Prostatectomy	5	0.0	1.8	-----	0.0	4.5	-----	0.0	7.7	-----
Cholecystectomy	4	0.0	1.0	-----	0.0	1.7	-----	0.0	2.3	-----
Hysterectomy	6	0.0	0.4	-----	0.0	0.9	-----	0.0	1.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



HARRIS HOSPITAL
Medicare Provider Number: 040080

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.6 years
Proportion female	60.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	38.3 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	34.0 %

COMORBIDITIES:

Cancer	3.3 %
Chronic cardiovascular disease	29.8 %
Chronic liver disease	0.6 %
Chronic renal disease	2.4 %
Chronic pulmonary disease	22.8 %
Cerebrovascular degeneration	2.6 %
Diabetes mellitus	10.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	77.3%
State	21.6%
Outside State	1.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.7 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	132
Occupancy Rate	29.0 %
Ownership/Control	Private, For Profit
Medicare Discharges	48.0 %
Case Mix Index (CMI)	1.0622

STAFFING:

Total Number of Physicians	30
Percent of Physicians Board Certified Specialists	83.3 %
Medical Residents/Interns	0
Registered Nurses	37
Licensed Practical Nurses	19

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

HELENA HOSPITAL

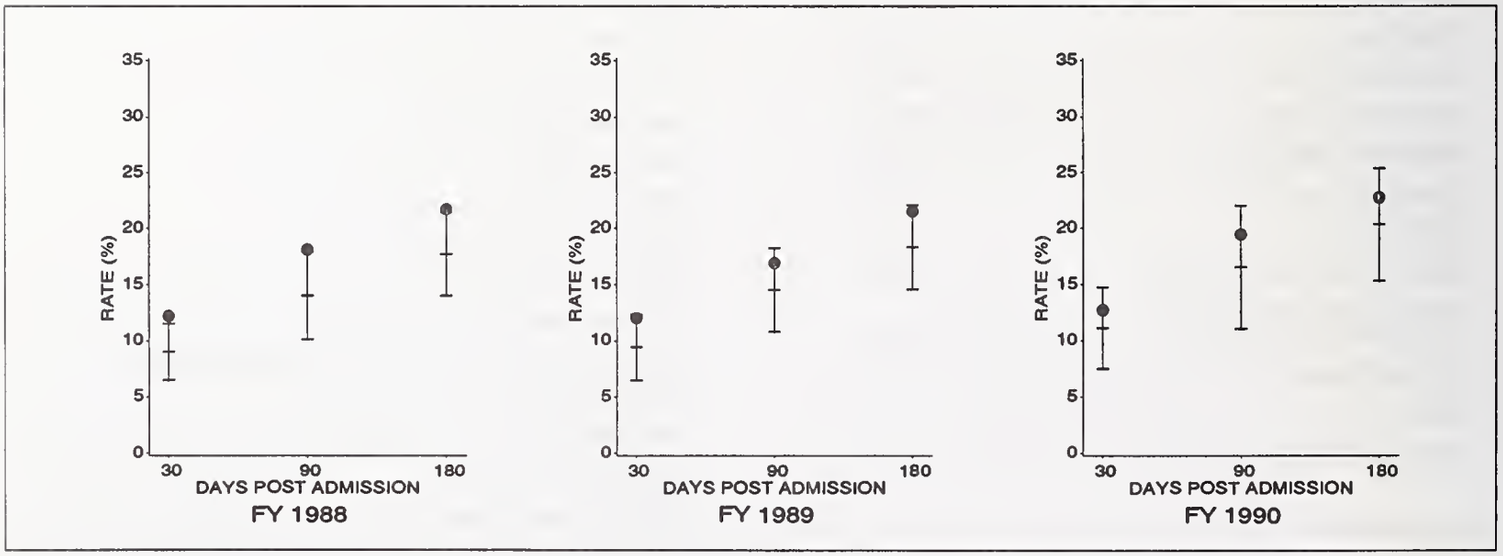
HWY 49 & NEWMAN DR POB 788
HELENA, AR 72342
Medicare Provider Number: 040085

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	881	12.7	11.1	1.8	19.4	16.5	2.7	22.7	20.3	2.5
CONDITIONS:										
Acute Myocardial Infarction	24	33.3	23.9	-----	41.7	26.7	-----	41.7	29.0	-----
Congestive Heart Failure	55	14.5	13.9	5.0	23.6	22.4	8.2	30.9	28.8	7.6
Pneumonia/Influenza	48	16.7	15.0	-----	22.9	20.8	-----	27.1	24.7	-----
Chronic Obstructive Pulmonary Disease	20	15.0	5.9	-----	20.0	11.6	-----	25.0	16.1	-----
Transient Cerebral Ischemia	14	7.1	1.6	-----	7.1	3.8	-----	7.1	6.5	-----
Stroke	66	15.2	17.5	5.7	30.3	24.6	6.7	31.8	28.6	6.2
Hip Fracture	0									
Sepsis	16	43.8	26.4	-----	50.0	32.2	-----	56.3	36.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	5.9	-----	0.0	10.4	-----	100.0	15.2	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	44	6.8	1.2	-----	9.1	2.9	-----	13.6	5.0	-----
Cholecystectomy	5	20.0	2.9	-----	20.0	4.6	-----	20.0	5.5	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



HELENA HOSPITAL
Medicare Provider Number: 040085

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.9 years
Proportion female	52.2 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	34.4 %
Transferred from skilled nursing facility	0.9 %
Admitted for elective procedure	35.9 %
Admitted for emergency	45.6 %

COMORBIDITIES:

Cancer	8.2 %
Chronic cardiovascular disease	22.5 %
Chronic liver disease	1.8 %
Chronic renal disease	4.0 %
Chronic pulmonary disease	16.2 %
Cerebrovascular degeneration	4.8 %
Diabetes mellitus	11.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	86.8%
State	10.8%
Outside State	2.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.8 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	122
Occupancy Rate	43.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	38.6 %
Case Mix Index (CMI)	1.1200

STAFFING:

Total Number of Physicians	19
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	63
Licensed Practical Nurses	35

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

HOT SPRING COUNTY MEMORIAL HOSPITAL

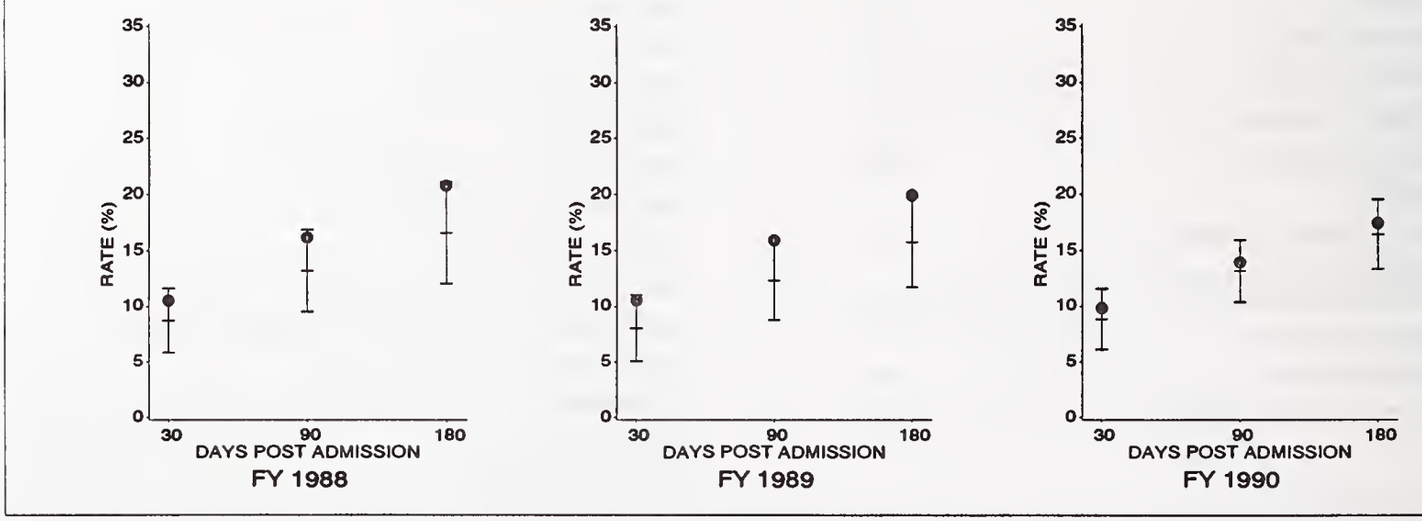
1001 SCHNEIDER DR
MALVERN, AR 72104
Medicare Provider Number: 040076

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	705	9.8	8.8	1.4	13.9	13.1	1.4	17.4	16.4	1.6
CONDITIONS:										
Acute Myocardial Infarction	21	23.8	28.2	-----	28.6	32.3	-----	28.6	35.7	-----
Congestive Heart Failure	35	11.4	14.3	-----	14.3	23.1	-----	22.9	29.6	-----
Pneumonia/Influenza	62	17.7	14.9	5.9	21.0	20.8	5.7	24.2	24.8	5.5
Chronic Obstructive Pulmonary Disease	14	7.1	6.4	-----	7.1	11.0	-----	7.1	15.1	-----
Transient Cerebral Ischemia	11	0.0	1.1	-----	0.0	2.6	-----	9.1	4.5	-----
Stroke	33	21.2	17.9	-----	36.4	24.3	-----	36.4	28.5	-----
Hip Fracture	1	0.0	11.6	-----	0.0	24.2	-----	0.0	35.6	-----
Sepsis	4	25.0	34.9	-----	25.0	44.8	-----	25.0	49.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	100.0	0.7	-----	100.0	1.2	-----	100.0	1.6	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	10	0.0	1.4	-----	0.0	3.4	-----	0.0	5.8	-----
Cholecystectomy	10	10.0	3.2	-----	10.0	6.4	-----	10.0	8.8	-----
Hysterectomy	2	0.0	0.1	-----	0.0	0.1	-----	0.0	0.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



HOT SPRING COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 040076

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.3 years
Proportion female	55.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	59.0 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	5.4 %
Admitted for emergency	0.4 %

COMORBIDITIES:

Cancer	4.4 %
Chronic cardiovascular disease	31.2 %
Chronic liver disease	0.1 %
Chronic renal disease	0.4 %
Chronic pulmonary disease	14.8 %
Cerebrovascular degeneration	5.2 %
Diabetes mellitus	5.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	82.8%
State	15.2%
Outside State	2.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.1 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	77
Occupancy Rate	48.0 %
Ownership/Control	Local Government
Medicare Discharges	54.0 %
Case Mix Index (CMI)	0.9650

STAFFING:

Total Number of Physicians	15
Percent of Physicians Board Certified Specialists	53.3 %
Medical Residents/Interns	0
Registered Nurses	32
Licensed Practical Nurses	38

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

HOWARD MEMORIAL HOSPITAL

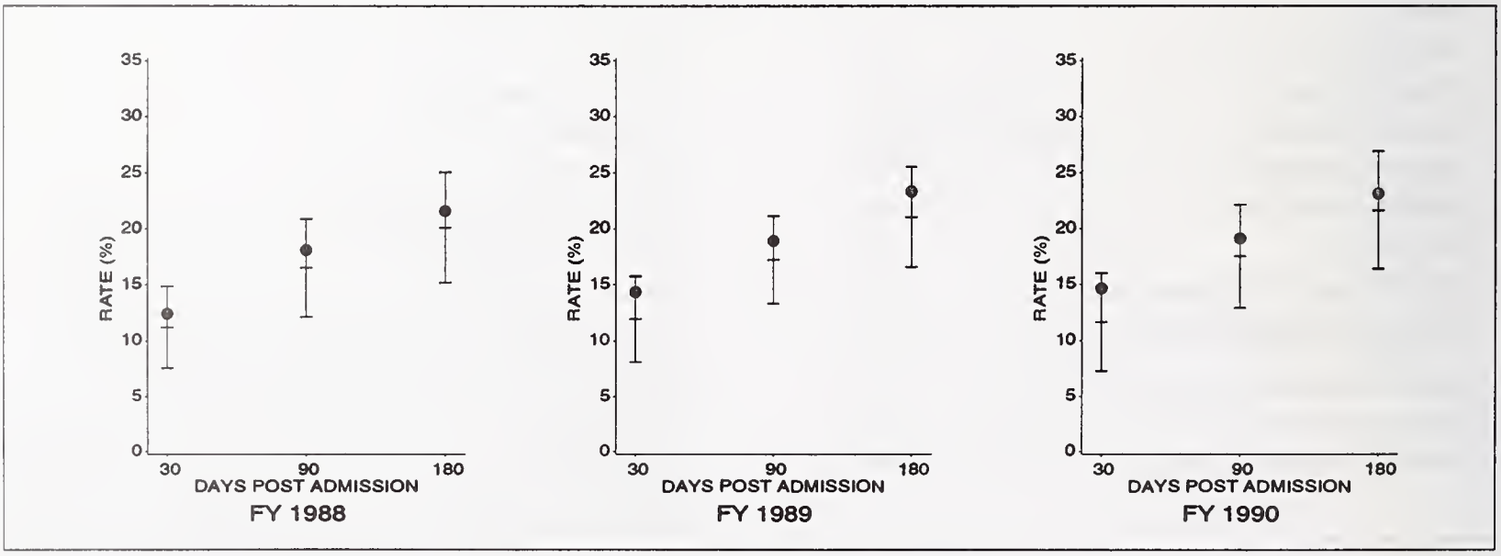
8TH AND LESLIE STS POB 381
NASHVILLE, AR 71852
Medicare Provider Number: 040082

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	398	14.6	11.6	2.2	19.1	17.5	2.3	23.1	21.6	2.6
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	19.9	-----	36.4	24.0	-----	45.5	27.6	-----
Congestive Heart Failure	44	18.2	14.0	-----	22.7	21.8	-----	27.3	27.8	-----
Pneumonia/Influenza	37	21.6	16.4	-----	27.0	22.8	-----	27.0	26.8	-----
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	6	16.7	1.9	-----	16.7	4.6	-----	16.7	7.6	-----
Stroke	24	20.8	15.7	-----	25.0	22.7	-----	25.0	27.1	-----
Hip Fracture	13	23.1	6.6	-----	23.1	11.8	-----	23.1	15.4	-----
Sepsis	11	18.2	21.3	-----	36.4	28.1	-----	45.5	33.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	8.3	-----	0.0	13.3	-----	0.0	18.3	-----
Open Reduction of Hip Fracture	11	9.1	4.7	-----	9.1	8.7	-----	9.1	11.8	-----
Prostatectomy	0									
Cholecystectomy	12	0.0	1.7	-----	0.0	2.9	-----	0.0	3.6	-----
Hysterectomy	1	0.0	0.5	-----	0.0	1.1	-----	0.0	1.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



HOWARD MEMORIAL HOSPITAL
Medicare Provider Number: 040082

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.7 years
Proportion female	56.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	10.1 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	3.0 %
Admitted for emergency	1.5 %

COMORBIDITIES:

Cancer	5.0 %
Chronic cardiovascular disease	32.9 %
Chronic liver disease	1.0 %
Chronic renal disease	2.5 %
Chronic pulmonary disease	14.3 %
Cerebrovascular degeneration	7.5 %
Diabetes mellitus	7.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	81.9%
State	16.0%
Outside State	2.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.4 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	63
Occupancy Rate	27.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	54.9 %
Case Mix Index (CMI)	1.1470

STAFFING:

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	71.4 %
Medical Residents/Interns	0
Registered Nurses	18
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

HUNTSVILLE MEMORIAL HOSPITAL

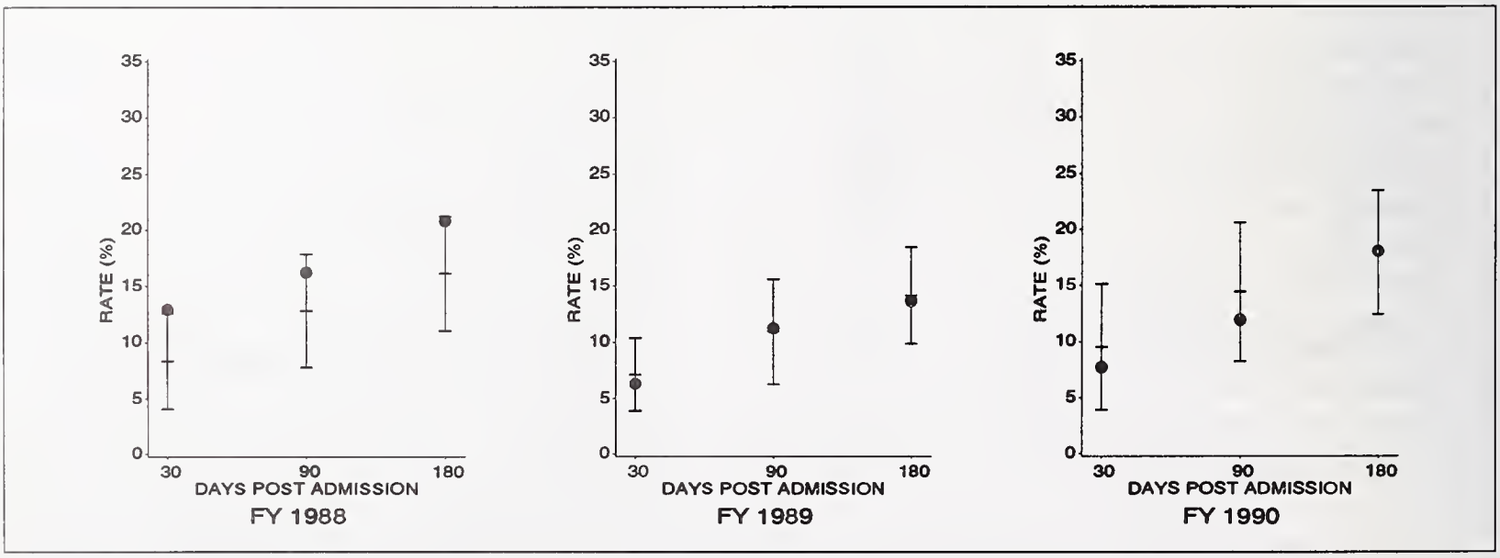
PHILLIPS AT EDGEWOOD PLACE DRAWER E
HUNTSVILLE, AR 72740
Medicare Provider Number: 040031

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	311	7.7	9.5	2.8	11.9	14.4	3.1	18.0	17.9	2.8
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	25.3	-----	28.6	28.5	-----	28.6	31.9	-----
Congestive Heart Failure	13	15.4	13.6	-----	15.4	22.4	-----	23.1	28.1	-----
Pneumonia/Influenza	90	3.3	13.5	5.0	8.9	19.3	5.4	16.7	23.1	5.1
Chronic Obstructive Pulmonary Disease	4	0.0	5.9	-----	0.0	12.8	-----	0.0	19.9	-----
Transient Cerebral Ischemia	6	0.0	1.5	-----	0.0	3.6	-----	0.0	6.2	-----
Stroke	10	10.0	12.9	-----	10.0	16.8	-----	20.0	19.8	-----
Hip Fracture	1	0.0	2.2	-----	0.0	3.8	-----	100.0	5.0	-----
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	1.7	-----	0.0	4.2	-----	0.0	7.5	-----
Cholecystectomy	5	0.0	0.8	-----	0.0	1.5	-----	0.0	1.9	-----
Hysterectomy	1	0.0	0.2	-----	0.0	0.4	-----	0.0	0.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



HUNTSVILLE MEMORIAL HOSPITAL

Medicare Provider Number: 040031

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.4 years
Proportion female	55.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	77.5 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	0.0 %

COMORBIDITIES:

Cancer	4.5 %
Chronic cardiovascular disease	22.5 %
Chronic liver disease	0.3 %
Chronic renal disease	4.2 %
Chronic pulmonary disease	14.8 %
Cerebrovascular degeneration	12.2 %
Diabetes mellitus	4.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	79.9%
State	18.4%
Outside State	1.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.8 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1991

PROFILE:

Total Beds	42
Ownership.Control	Private, Non-Profit
Case Mix Index (CMI)	0.9077

STAFFING:

Medical Residents/Interns	0
Registered Nurses	16
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice Care	Yes
Intensive Care Unit	No
Organ Transplant	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

JEFFERSON REGIONAL MEDICAL CENTER

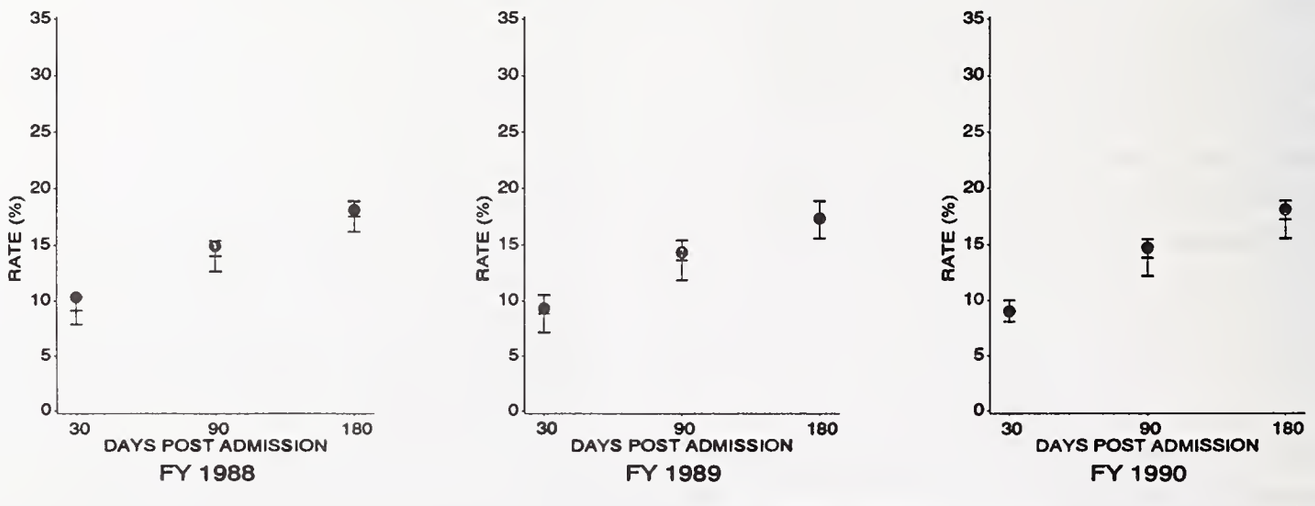
1515 W 42ND AVE
PINE BLUFF, AR 71603
Medicare Provider Number: 040071

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	3536	9.0	9.0	0.5	14.7	13.8	0.8	18.1	17.2	0.8
CONDITIONS:										
Acute Myocardial Infarction	96	24.0	28.1	7.4	28.1	31.0	7.0	32.3	33.6	6.3
Congestive Heart Failure	186	14.0	14.2	2.6	19.9	22.4	3.7	26.3	28.3	3.8
Pneumonia/Influenza	164	19.5	16.7	4.2	28.0	22.9	5.0	30.5	27.0	4.3
Chronic Obstructive Pulmonary Disease	33	6.1	5.1	-----	6.1	9.2	-----	9.1	12.7	-----
Transient Cerebral Ischemia	56	0.0	2.0	2.6	3.6	4.4	2.9	5.4	7.2	3.8
Stroke	148	19.6	20.6	3.4	29.1	26.0	4.3	30.4	29.6	4.4
Hip Fracture	108	2.8	6.7	4.2	13.0	11.7	3.3	16.7	15.1	3.7
Sepsis	27	33.3	24.7	-----	44.4	34.1	-----	44.4	39.5	-----
PROCEDURES:										
Angioplasty	17	0.0	3.5	-----	0.0	4.2	-----	0.0	5.0	-----
Coronary Artery Bypass Graft	63	15.9	6.4	5.9	15.9	8.4	5.8	15.9	9.2	5.8
Initial Pacemaker Insertion	13	0.0	3.5	-----	0.0	6.9	-----	0.0	9.8	-----
Carotid Endarterectomy	17	0.0	1.4	-----	5.9	2.6	-----	5.9	3.9	-----
Hip Replacement/Reconstruction	82	3.7	3.8	4.6	9.8	6.9	5.9	13.4	9.1	6.3
Open Reduction of Hip Fracture	57	0.0	5.9	7.5	10.5	11.0	4.3	12.3	14.9	5.1
Prostatectomy	204	2.5	1.2	1.3	3.9	2.8	1.5	6.4	4.8	2.2
Cholecystectomy	99	2.0	3.5	2.2	7.1	6.5	2.6	10.1	8.7	3.1
Hysterectomy	26	3.8	0.2	-----	3.8	0.4	-----	3.8	0.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



JEFFERSON REGIONAL MEDICAL CENTER

Medicare Provider Number: 040071

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.7 years
Proportion female	52.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	34.5 %
Transferred from skilled nursing facility	6.3 %
Admitted for elective procedure	10.1 %
Admitted for emergency	10.0 %

COMORBIDITIES:

Cancer	8.0 %
Chronic cardiovascular disease	28.8 %
Chronic liver disease	1.0 %
Chronic renal disease	3.5 %
Chronic pulmonary disease	13.3 %
Cerebrovascular degeneration	3.2 %
Diabetes mellitus	6.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	62.9%
State	35.6%
Outside State	1.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.9 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	475
Occupancy Rate	73.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	38.5 %
Case Mix Index (CMI)	1.3658

STAFFING:

Total Number of Physicians	119
Percent of Physicians Board Certified Specialists	58.8 %
Medical Residents/Interns	0
Registered Nurses	268
Licensed Practical Nurses	180

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

JOHNSON COUNTY MEMORIAL HOSPITAL

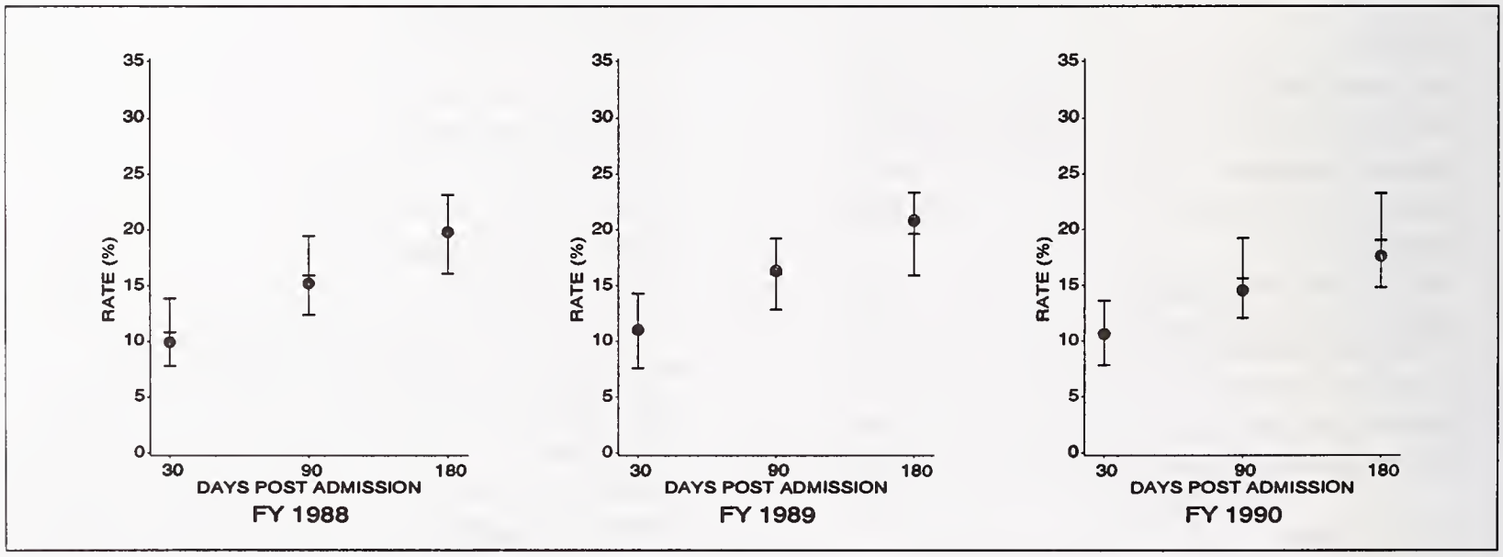
1100 E POPLAR
CLARKSVILLE, AR 72830
Medicare Provider Number: 040002

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	558	10.6	10.7	1.5	14.5	15.6	1.8	17.6	19.0	2.1
CONDITIONS:										
Acute Myocardial Infarction	26	30.8	36.1	-----	30.8	38.7	-----	30.8	41.5	-----
Congestive Heart Failure	47	12.8	12.6	-----	14.9	19.8	-----	17.0	25.4	-----
Pneumonia/Influenza	41	4.9	12.4	-----	12.2	17.0	-----	19.5	20.2	-----
Chronic Obstructive Pulmonary Disease	6	0.0	4.3	-----	0.0	8.2	-----	0.0	11.5	-----
Transient Cerebral Ischemia	4	0.0	1.4	-----	0.0	3.3	-----	0.0	5.6	-----
Stroke	27	11.1	18.1	-----	14.8	25.0	-----	18.5	29.2	-----
Hip Fracture	17	0.0	5.8	-----	0.0	10.2	-----	0.0	13.3	-----
Sepsis	10	60.0	30.0	-----	60.0	38.9	-----	70.0	43.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	25.0	3.9	-----	25.0	7.5	-----	25.0	10.5	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	4.0	-----	0.0	7.9	-----	0.0	10.8	-----
Open Reduction of Hip Fracture	8	0.0	6.4	-----	0.0	11.3	-----	0.0	14.6	-----
Prostatectomy	20	5.0	0.8	-----	5.0	1.9	-----	5.0	3.3	-----
Cholecystectomy	9	0.0	1.4	-----	0.0	2.6	-----	0.0	3.4	-----
Hysterectomy	6	16.7	1.5	-----	16.7	3.2	-----	16.7	4.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



JOHNSON COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 040002

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.3 years
Proportion female	59.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	43.4 %
Transferred from skilled nursing facility	0.2 %
Admitted for elective procedure	0.4 %
Admitted for emergency	9.5 %

COMORBIDITIES:

Cancer	5.7 %
Chronic cardiovascular disease	31.5 %
Chronic liver disease	0.4 %
Chronic renal disease	1.1 %
Chronic pulmonary disease	16.8 %
Cerebrovascular degeneration	3.2 %
Diabetes mellitus	10.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	88.1%
State	9.3%
Outside State	2.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.8 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	68
Occupancy Rate	36.0 %
Ownership/Control	Local Government
Medicare Discharges	47.7 %
Case Mix Index (CMI)	1.1699

STAFFING:

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

LAWRENCE MEMORIAL HOSPITAL

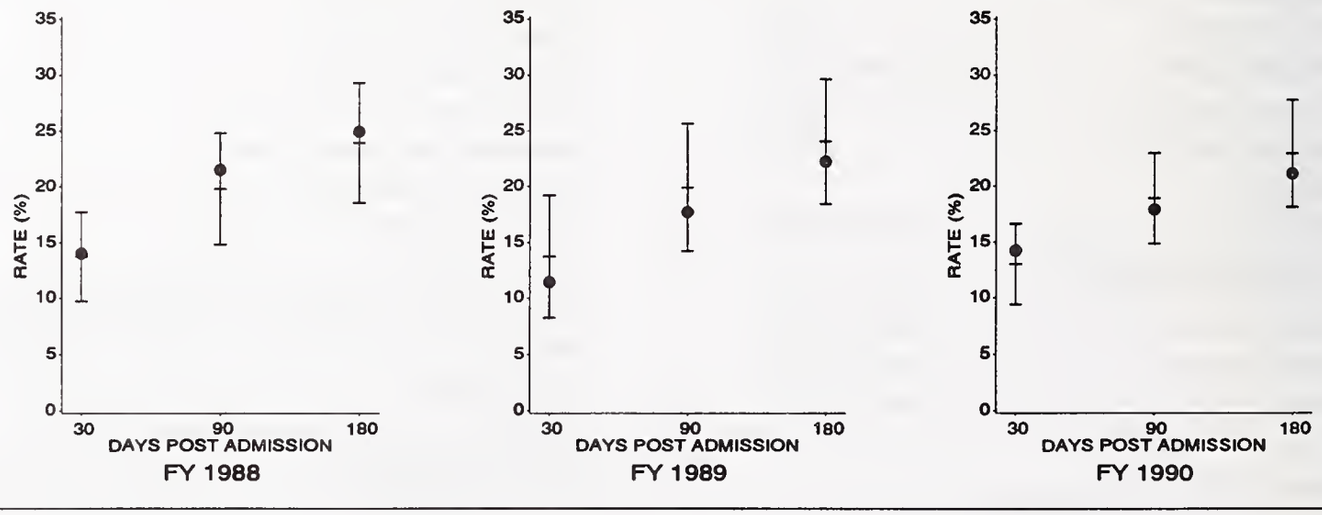
1309 HWY 25 W POB 839
WALNUT RIDGE, AR 72476
Medicare Provider Number: 040008

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	402	14.2	13.0	1.8	17.9	18.9	2.0	21.1	22.9	2.4
CONDITIONS:										
Acute Myocardial Infarction	14	14.3	27.3	-----	14.3	30.7	-----	28.6	33.3	-----
Congestive Heart Failure	17	29.4	17.8	-----	35.3	27.4	-----	52.9	33.7	-----
Pneumonia/Influenza	62	12.9	18.4	6.5	17.7	25.6	8.3	19.4	30.1	10.0
Chronic Obstructive Pulmonary Disease	8	0.0	4.8	-----	0.0	9.1	-----	0.0	13.4	-----
Transient Cerebral Ischemia	7	0.0	2.3	-----	0.0	5.6	-----	0.0	9.9	-----
Stroke	23	4.3	20.4	-----	26.1	27.5	-----	26.1	31.6	-----
Hip Fracture	0									
Sepsis	6	83.3	34.1	-----	83.3	49.0	-----	83.3	56.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	3.0	-----	0.0	5.5	-----	0.0	7.1	-----
Hysterectomy	1	0.0	0.2	-----	0.0	0.5	-----	0.0	0.9	-----

* The Standard Deviation (SD) Is not calculated if the number of deaths or cases Is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



LAWRENCE MEMORIAL HOSPITAL
Medicare Provider Number: 040008

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.6 years
Proportion female	61.2 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	19.9 %
Transferred from skilled nursing facility	16.9 %
Admitted for elective procedure	4.7 %
Admitted for emergency	39.1 %

COMORBIDITIES:

Cancer	4.0 %
Chronic cardiovascular disease	26.1 %
Chronic liver disease	0.7 %
Chronic renal disease	2.5 %
Chronic pulmonary disease	11.2 %
Cerebrovascular degeneration	3.0 %
Diabetes mellitus	7.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	84.7%
State	13.0%
Outside State	2.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.4 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	194
Occupancy Rate	81.0 %
Ownership/Control	Local Government
Medicare Discharges	59.9 %
Case Mix Index (CMI)	1.0749

STAFFING:

Total Number of Physicians	13
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	14

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

LITTLE RIVER MEMORIAL HOSPITAL

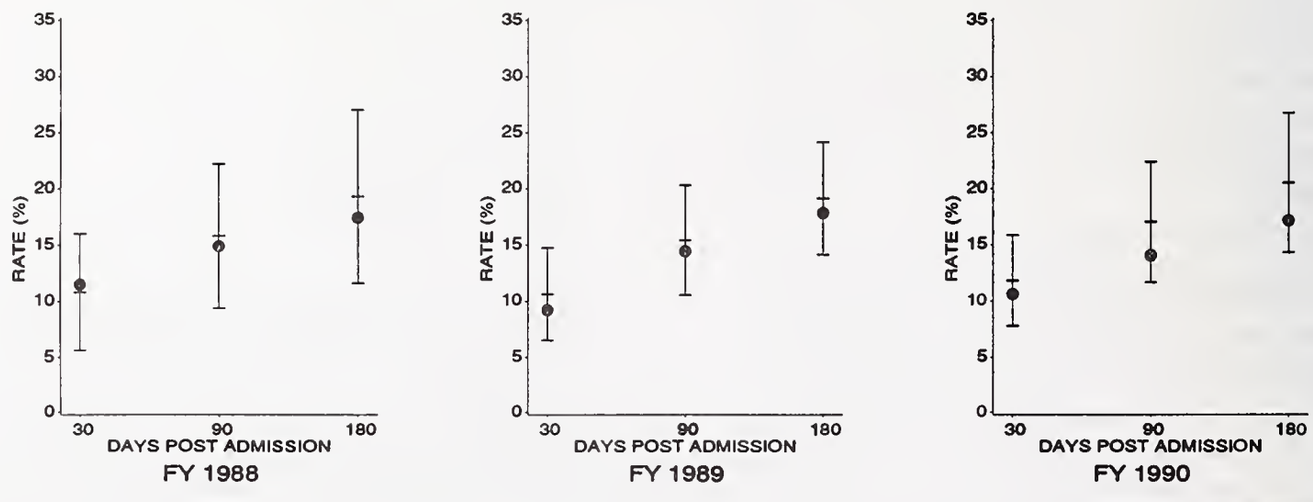
5TH LOCKE POB 577
ASHDOWN, AR 71822
Medicare Provider Number: 040032

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	322	10.6	11.8	2.0	14.0	17.0	2.7	17.1	20.5	3.1
CONDITIONS:										
Acute Myocardial Infarction	17	29.4	31.2	-----	41.2	34.7	-----	41.2	37.5	-----
Congestive Heart Failure	27	14.8	15.3	-----	22.2	24.0	-----	25.9	30.1	-----
Pneumonia/Influenza	42	16.7	14.7	-----	16.7	20.2	-----	19.0	23.7	-----
Chronic Obstructive Pulmonary Disease	2	0.0	10.9	-----	0.0	15.8	-----	50.0	19.7	-----
Transient Cerebral Ischemia	10	10.0	1.5	-----	10.0	3.6	-----	10.0	6.0	-----
Stroke	20	10.0	22.1	-----	15.0	28.2	-----	25.0	31.9	-----
Hip Fracture	0									
Sepsis	2	0.0	3.3	-----	0.0	4.9	-----	0.0	6.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



LITTLE RIVER MEMORIAL HOSPITAL
Medicare Provider Number: 040032

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.2 years
Proportion female	61.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	20.8 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	6.8 %

COMORBIDITIES:

Cancer	4.3 %
Chronic cardiovascular disease	40.1 %
Chronic liver disease	0.6 %
Chronic renal disease	1.2 %
Chronic pulmonary disease	11.5 %
Cerebrovascular degeneration	3.4 %
Diabetes mellitus	9.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	84.4%
State	11.4%
Outside State	4.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.9 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	35
Occupancy Rate	48.0 %
Ownership/Control	Local Government
Medicare Discharges	47.1 %
Case Mix Index (CMI)	0.9648

STAFFING:

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	25.0 %
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	14

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

MAGNOLIA HOSPITAL

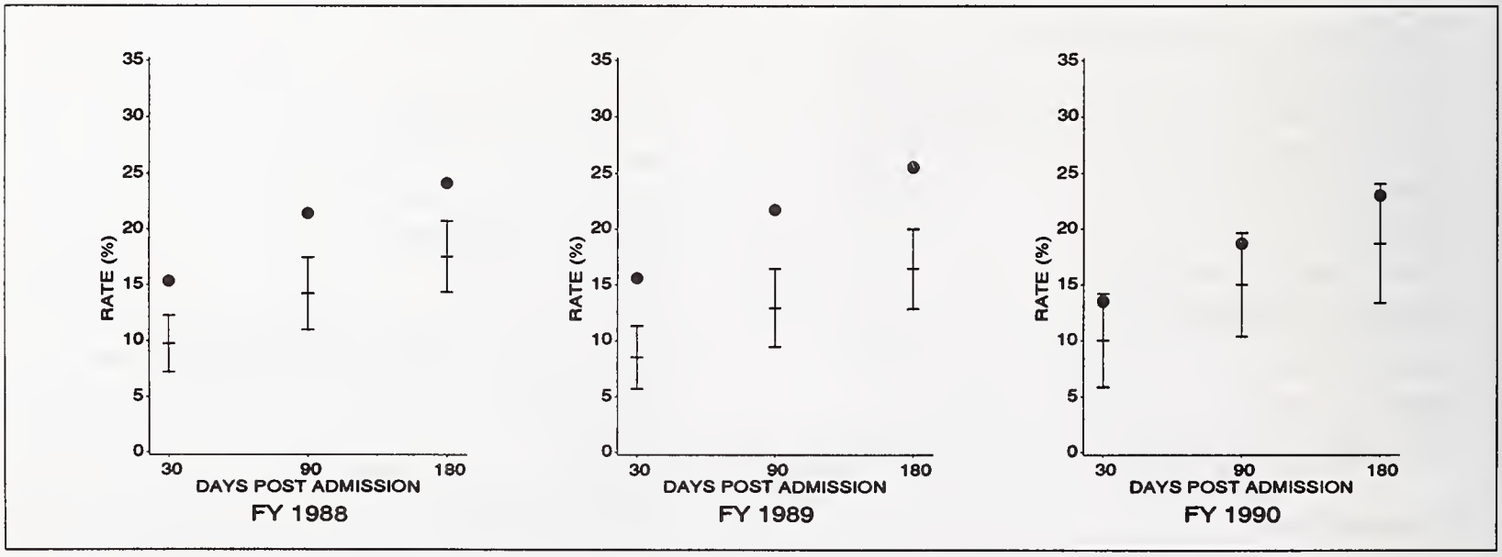
101 HOSPITAL DR BOX 629
MAGNOLIA, AR 71753
Medicare Provider Number: 040067

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	600	13.5	10.0	2.1	18.7	15.0	2.3	23.0	18.7	2.7
CONDITIONS:										
Acute Myocardial Infarction	21	33.3	20.9	-----	33.3	23.4	-----	33.3	25.6	-----
Congestive Heart Failure	45	28.9	15.1	-----	33.3	23.3	-----	35.6	29.3	-----
Pneumonia/Influenza	33	6.1	15.7	-----	12.1	21.1	-----	15.2	24.9	-----
Chronic Obstructive Pulmonary Disease	5	20.0	13.6	-----	40.0	21.0	-----	40.0	25.7	-----
Transient Cerebral Ischemia	16	6.3	1.5	-----	6.3	3.7	-----	18.8	6.4	-----
Stroke	35	40.0	17.9	-----	45.7	24.9	-----	60.0	28.9	-----
Hip Fracture	2	0.0	4.2	-----	0.0	8.4	-----	0.0	10.9	-----
Sepsis	10	30.0	31.2	-----	30.0	40.6	-----	30.0	46.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	4.2	-----	0.0	8.9	-----	0.0	12.2	-----
Prostatectomy	0									
Cholecystectomy	7	0.0	0.8	-----	0.0	1.5	-----	0.0	2.3	-----
Hysterectomy	1	0.0	0.1	-----	0.0	0.3	-----	0.0	0.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MAGNOLIA HOSPITAL
Medicare Provider Number: 040067

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.7 years
Proportion female	59.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	27.8 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	63.5 %
Admitted for emergency	35.8 %

COMORBIDITIES:

Cancer	6.0 %
Chronic cardiovascular disease	28.7 %
Chronic liver disease	0.5 %
Chronic renal disease	2.5 %
Chronic pulmonary disease	7.0 %
Cerebrovascular degeneration	3.3 %
Diabetes mellitus	5.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	83.8%
State	13.7%
Outside State	2.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.9 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	86
Occupancy Rate	39.0 %
Ownership/Control	Local Government
Medicare Discharges	40.7 %
Case Mix Index (CMI)	1.0707

STAFFING:

Total Number of Physicians	16
Percent of Physicians Board Certified Specialists	87.5 %
Medical Residents/Interns	0
Registered Nurses	47
Licensed Practical Nurses	33

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

MCGEHEE DESHA COUNTY HOSPITAL

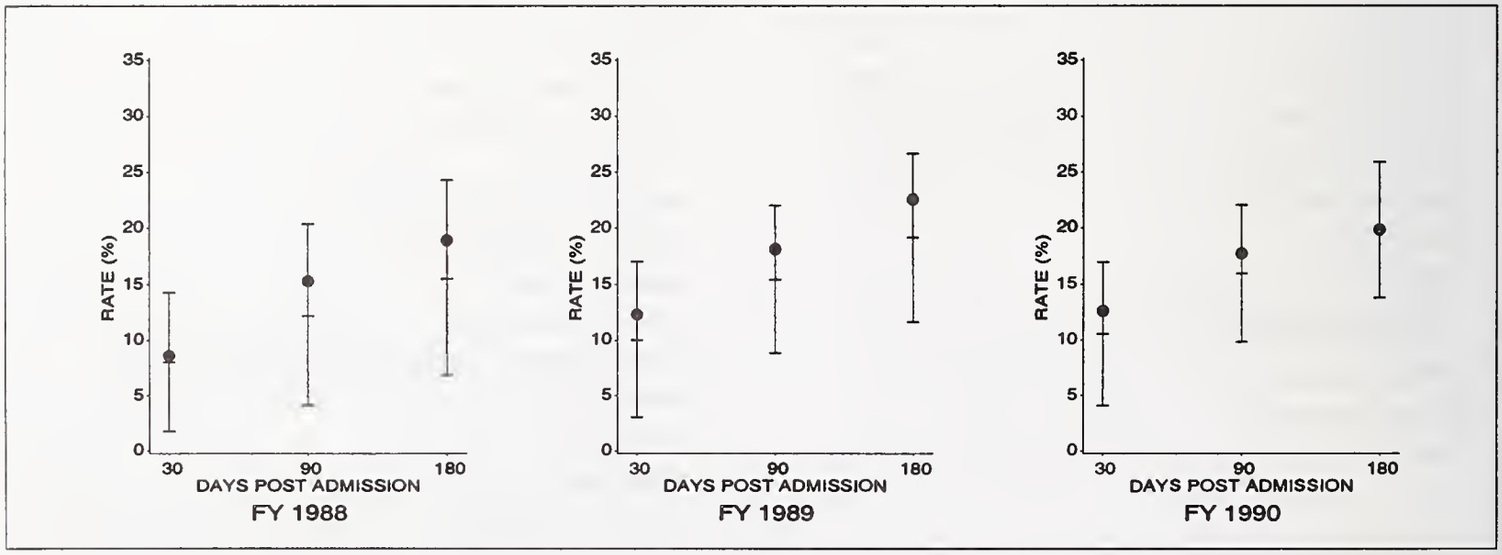
900 S 3RD BOX 351
MCGEHEE, AR 71654
Medicare Provider Number: 040093

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	293	12.6	10.5	3.2	17.7	15.9	3.1	19.8	19.8	3.0
CONDITIONS:										
Acute Myocardial Infarction	11	45.5	28.6	-----	45.5	32.9	-----	45.5	35.8	-----
Congestive Heart Failure	13	15.4	18.3	-----	38.5	27.4	-----	38.5	34.2	-----
Pneumonia/Influenza	17	29.4	16.9	-----	29.4	23.1	-----	29.4	27.1	-----
Chronic Obstructive Pulmonary Disease	9	44.4	12.6	-----	44.4	21.3	-----	44.4	27.3	-----
Transient Cerebral Ischemia	7	0.0	1.8	-----	0.0	4.1	-----	0.0	6.9	-----
Stroke	10	30.0	20.6	-----	30.0	25.7	-----	40.0	29.2	-----
Hip Fracture	0									
Sepsis	5	0.0	25.7	-----	40.0	41.9	-----	40.0	50.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	6.0	-----	0.0	11.7	-----	0.0	16.1	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MCGEHEE DESHA COUNTY HOSPITAL

Medicare Provider Number: 040093

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.1 years
Proportion female	59.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	46.1 %
Transferred from skilled nursing facility	12.3 %
Admitted for elective procedure	0.0 %
Admitted for emergency	45.7 %

COMORBIDITIES:

Cancer	4.1 %
Chronic cardiovascular disease	24.6 %
Chronic liver disease	0.0 %
Chronic renal disease	4.4 %
Chronic pulmonary disease	12.3 %
Cerebrovascular degeneration	5.1 %
Diabetes mellitus	8.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	57.4%
State	39.3%
Outside State	3.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.3 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	34
Occupancy Rate	47.0 %
Ownership/Control	Local Government
Medicare Discharges	34.4 %
Case Mix Index (CMI)	0.9639

STAFFING:

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	23
Licensed Practical Nurses	20

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

MEDICAL CENTER OF CALICO ROCK

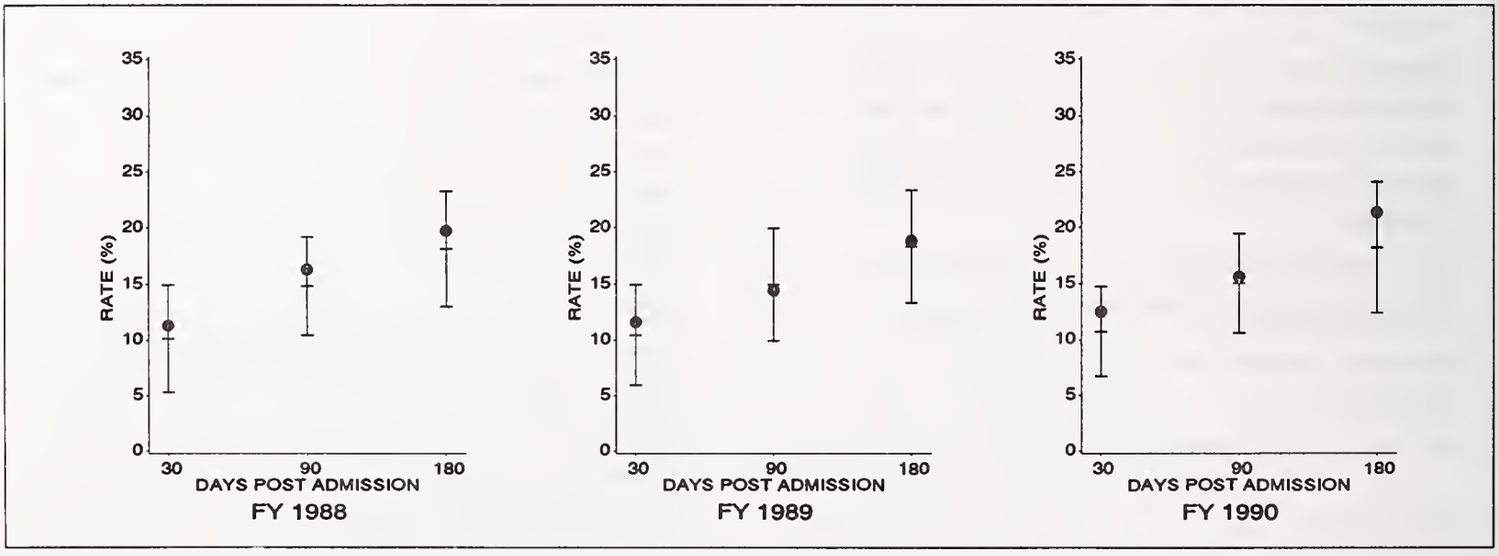
GRASSE ST
CALICO ROCK, AR 72519
Medicare Provider Number: 040037

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	263	12.5	10.7	2.0	15.6	15.0	2.2	21.3	18.2	2.9
CONDITIONS:										
Acute Myocardial Infarction	12	33.3	30.7	-----	33.3	33.9	-----	33.3	36.4	-----
Congestive Heart Failure	8	0.0	12.8	-----	0.0	19.5	-----	0.0	25.6	-----
Pneumonia/Influenza	31	22.6	19.3	-----	25.8	25.6	-----	35.5	29.4	-----
Chronic Obstructive Pulmonary Disease	6	0.0	8.3	-----	0.0	13.9	-----	33.3	18.3	-----
Transient Cerebral Ischemia	4	0.0	1.2	-----	0.0	2.9	-----	0.0	5.1	-----
Stroke	6	50.0	18.8	-----	66.7	25.1	-----	66.7	28.4	-----
Hip Fracture	2	0.0	8.3	-----	0.0	13.5	-----	50.0	16.1	-----
Sepsis	2	50.0	24.6	-----	50.0	31.0	-----	50.0	35.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	6.2	-----	0.0	10.8	-----	50.0	13.5	-----
Prostatectomy	9	0.0	1.6	-----	0.0	4.0	-----	0.0	6.7	-----
Cholecystectomy	10	0.0	1.0	-----	0.0	1.9	-----	0.0	2.5	-----
Hysterectomy	2	0.0	0.1	-----	0.0	0.3	-----	0.0	0.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MEDICAL CENTER OF CALICO ROCK
Medicare Provider Number: 040037

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.6 years
Proportion female	54.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	52.5 %
Transferred from skilled nursing facility	0.4 %
Admitted for elective procedure	0.0 %
Admitted for emergency	40.3 %

COMORBIDITIES:

Cancer	7.2 %
Chronic cardiovascular disease	28.5 %
Chronic liver disease	1.1 %
Chronic renal disease	2.7 %
Chronic pulmonary disease	12.2 %
Cerebrovascular degeneration	1.9 %
Diabetes mellitus	4.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	70.7%
State	26.6%
Outside State	2.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.3 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	26
Occupancy Rate	38.0 %
Ownership/Control	Private, For Profit
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	1.0403

STAFFING:

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	100.0 %
Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	13

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

MEDICAL CENTER OF SOUTH ARKANSAS

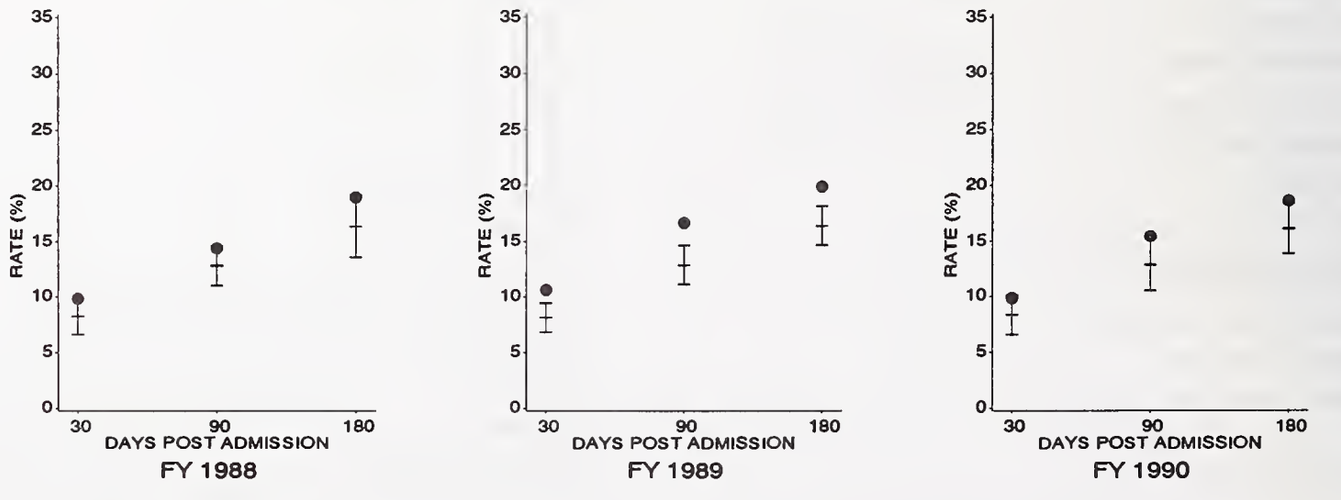
700 W GROVE
EL DORADO, AR 71730
Medicare Provider Number: 040088

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2040	9.8	8.3	0.9	15.4	12.8	1.2	18.6	16.1	1.1
CONDITIONS:										
Acute Myocardial Infarction	53	24.5	21.6	5.9	26.4	24.2	6.1	26.4	26.5	6.1
Congestive Heart Failure	92	18.5	15.4	5.4	33.7	24.3	7.2	44.6	30.7	8.4
Pneumonia/Influenza	88	14.8	17.1	5.0	22.7	23.3	4.5	26.1	27.2	4.9
Chronic Obstructive Pulmonary Disease	25	4.0	6.5	-----	12.0	12.3	-----	12.0	17.0	-----
Transient Cerebral Ischemia	18	0.0	2.2	-----	5.6	5.0	-----	5.6	8.1	-----
Stroke	65	27.7	20.6	7.6	40.0	27.3	7.6	40.0	31.1	6.8
Hip Fracture	76	3.9	5.1	3.2	5.3	9.4	5.0	9.2	12.4	4.8
Sepsis	17	35.3	22.3	-----	41.2	32.4	-----	41.2	38.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	3.0	-----	0.0	5.9	-----	0.0	9.2	-----
Carotid Endarterectomy	2	0.0	0.6	-----	0.0	1.3	-----	0.0	2.1	-----
Hip Replacement/Reconstruction	48	4.2	3.8	-----	8.3	7.4	-----	12.5	10.1	-----
Open Reduction of Hip Fracture	44	2.3	4.9	-----	2.3	9.0	-----	4.5	12.0	-----
Prostatectomy	78	1.3	0.7	1.6	3.8	1.5	3.0	5.1	2.7	3.6
Cholecystectomy	45	4.4	1.5	-----	6.7	2.9	-----	6.7	3.9	-----
Hysterectomy	15	0.0	0.4	-----	0.0	1.1	-----	0.0	1.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MEDICAL CENTER OF SOUTH ARKANSAS

Medicare Provider Number: 040088

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.3 years
Proportion female	57.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	41.9 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	43.6 %
Admitted for emergency	55.0 %

COMORBIDITIES:

Cancer	8.4 %
Chronic cardiovascular disease	25.0 %
Chronic liver disease	0.7 %
Chronic renal disease	2.9 %
Chronic pulmonary disease	9.2 %
Cerebrovascular degeneration	5.7 %
Diabetes mellitus	6.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	72.0%
State	24.2%
Outside State	3.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.1 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	301
Occupancy Rate	45.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	40.5 %
Case Mix Index (CMI)	1.1608

STAFFING:

Total Number of Physicians	71
Percent of Physicians Board Certified Specialists	69.0 %
Medical Residents/Interns	0
Registered Nurses	149
Licensed Practical Nurses	135

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

MEDICAL PARK HOSPITAL

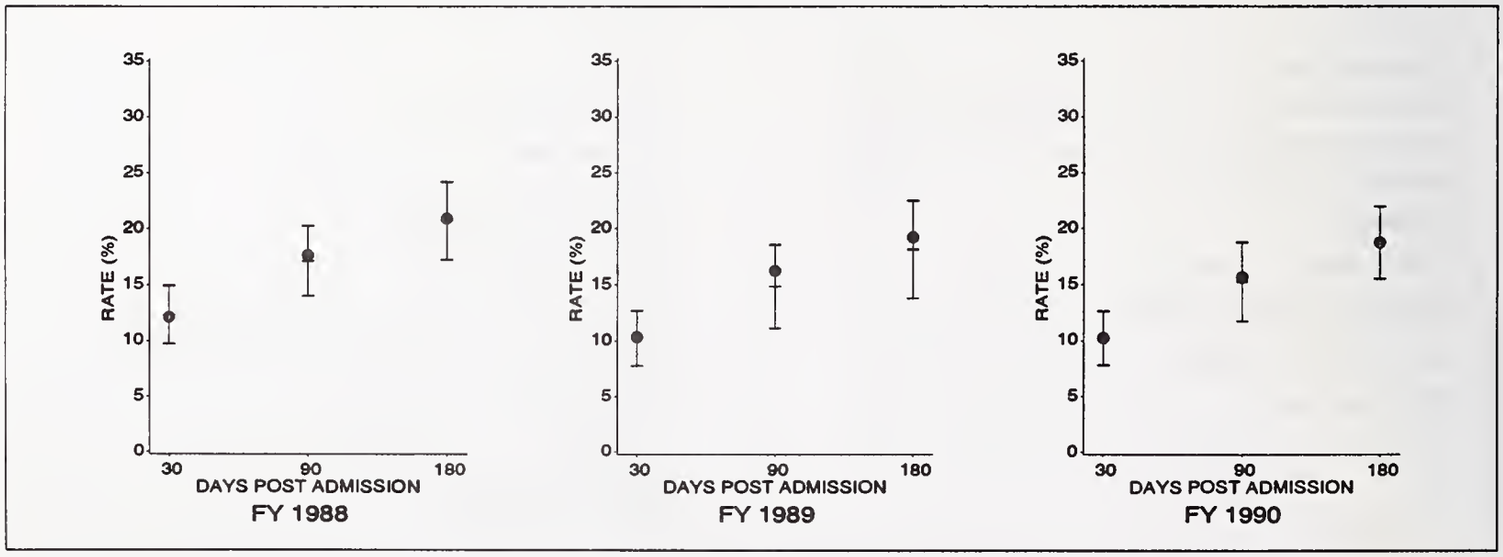
2001 S MAIN ST
HOPE, AR 71801
Medicare Provider Number: 040091

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	667	10.2	10.2	1.2	15.6	15.2	1.8	18.7	18.7	1.6
CONDITIONS:										
Acute Myocardial Infarction	18	33.3	31.4	-----	44.4	34.5	-----	44.4	37.7	-----
Congestive Heart Failure	43	14.0	14.7	-----	16.3	22.9	-----	32.6	29.1	-----
Pneumonia/Influenza	55	10.9	15.2	12.0	16.4	21.0	8.5	20.0	24.7	7.1
Chronic Obstructive Pulmonary Disease	15	6.7	6.1	-----	6.7	11.6	-----	13.3	15.9	-----
Transient Cerebral Ischemia	13	0.0	1.7	-----	0.0	3.9	-----	7.7	6.5	-----
Stroke	29	17.2	18.0	-----	17.2	22.1	-----	20.7	25.0	-----
Hip Fracture	25	8.0	5.2	-----	8.0	9.1	-----	8.0	11.8	-----
Sepsis	5	40.0	30.1	-----	60.0	38.9	-----	60.0	43.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	19	15.8	3.6	-----	15.8	6.9	-----	15.8	9.1	-----
Open Reduction of Hip Fracture	12	0.0	3.5	-----	0.0	6.3	-----	0.0	8.4	-----
Prostatectomy	0									
Cholecystectomy	23	0.0	1.4	-----	0.0	2.7	-----	4.3	3.7	-----
Hysterectomy	1	0.0	0.1	-----	0.0	0.3	-----	0.0	0.4	-----

* The Standard Deviation (SD) Is not calculated if the number of deaths or cases Is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MEDICAL PARK HOSPITAL
Medicare Provider Number: 040091

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.1 years
Proportion female	60.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	36.0 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	57.3 %

COMORBIDITIES:

Cancer	6.0 %
Chronic cardiovascular disease	34.8 %
Chronic liver disease	0.3 %
Chronic renal disease	1.3 %
Chronic pulmonary disease	11.4 %
Cerebrovascular degeneration	3.1 %
Diabetes mellitus	7.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	69.7%
State	27.2%
Outside State	3.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.9 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	75
Occupancy Rate	53.0 %
Ownership/Control	Private, For Profit
Medicare Discharges	33.4 %
Case Mix Index (CMI)	1.0613

STAFFING:

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

MERCY HOSPITAL OF SCOTT COUNTY

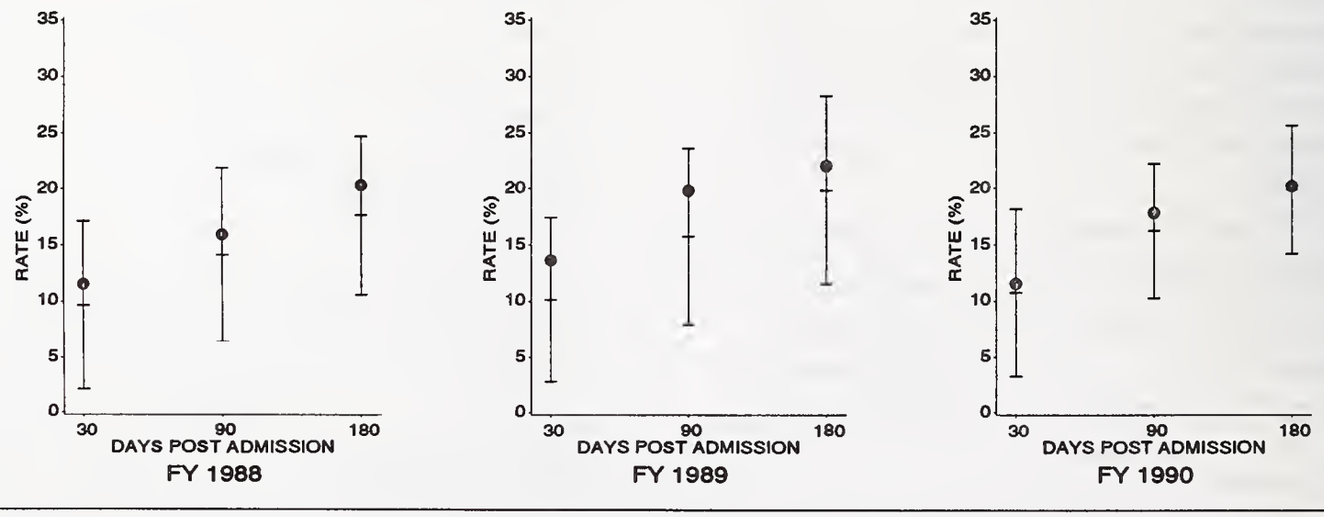
HIGHWAY 80 & 71, BOX 2230
WALDRON, AR 72958
Medicare Provider Number: 040040

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	208	11.5	10.7	3.7	17.8	16.2	3.0	20.2	19.9	2.9
CONDITIONS:										
Acute Myocardial Infarction	12	25.0	20.5	-----	25.0	23.1	-----	25.0	25.4	-----
Congestive Heart Failure	26	7.7	15.5	-----	23.1	24.7	-----	26.9	30.6	-----
Pneumonia/Influenza	17	29.4	14.4	-----	29.4	19.9	-----	29.4	23.4	-----
Chronic Obstructive Pulmonary Disease	6	0.0	6.1	-----	0.0	11.0	-----	0.0	14.3	-----
Transient Cerebral Ischemia	4	0.0	1.9	-----	0.0	4.2	-----	0.0	6.8	-----
Stroke	11	9.1	17.4	-----	18.2	24.4	-----	18.2	28.1	-----
Hip Fracture	1	0.0	10.5	-----	0.0	22.2	-----	0.0	30.1	-----
Sepsis	2	50.0	26.9	-----	50.0	42.4	-----	50.0	49.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	1.7	-----	0.0	2.8	-----	0.0	3.9	-----
Hysterectomy	0									

* The Standard Deviation (SD) Is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MERCY HOSPITAL OF SCOTT COUNTY
Medicare Provider Number: 040040

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.2 years
Proportion female	52.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	30.3 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	1.9 %
Admitted for emergency	42.3 %

COMORBIDITIES:

Cancer	5.3 %
Chronic cardiovascular disease	40.9 %
Chronic liver disease	0.0 %
Chronic renal disease	2.9 %
Chronic pulmonary disease	16.3 %
Cerebrovascular degeneration	2.4 %
Diabetes mellitus	9.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	83.8%
State	14.1%
Outside State	2.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.1 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	113
Occupancy Rate	86.0 %
Ownership/Control	Church
Medicare Discharges	45.4 %
Case Mix Index (CMI)	1.0051

STAFFING:

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	66.7 %
Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	9

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

MERCY HOSPITAL TURNER MEMORIAL

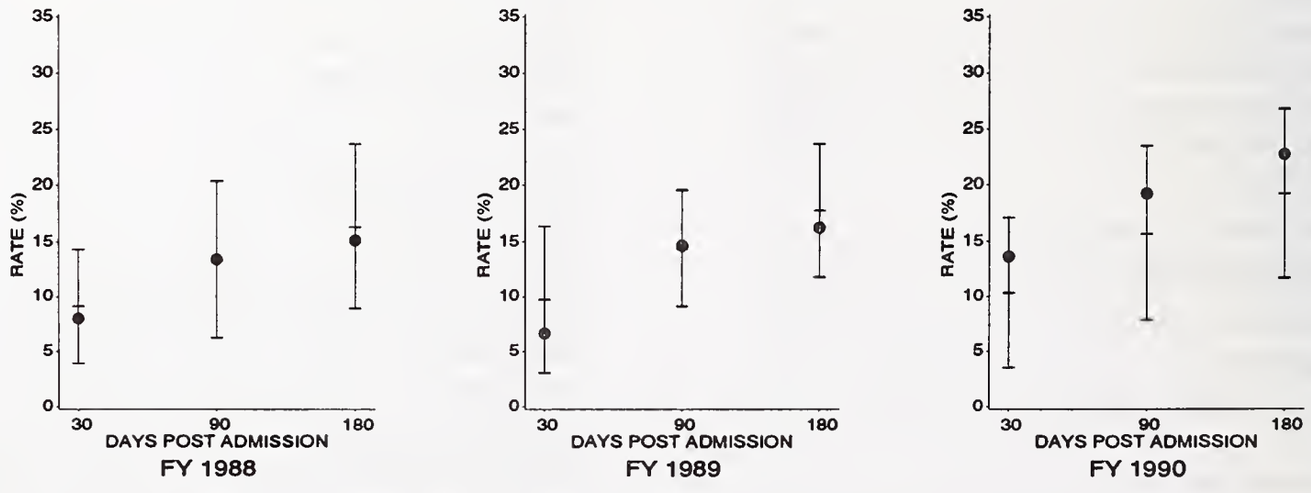
801 W RIVER ST BOX 527
OZARK, AR 72949
Medicare Provider Number: 040058

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	198	13.6	10.3	3.4	19.2	15.6	3.9	22.7	19.2	3.8
CONDITIONS:										
Acute Myocardial Infarction	10	60.0	28.5	-----	60.0	30.8	-----	60.0	33.2	-----
Congestive Heart Failure	10	10.0	15.2	-----	40.0	23.7	-----	40.0	29.3	-----
Pneumonia/Influenza	21	23.8	19.1	-----	28.6	26.1	-----	33.3	30.2	-----
Chronic Obstructive Pulmonary Disease	6	0.0	7.0	-----	0.0	12.3	-----	16.7	17.1	-----
Transient Cerebral Ischemia	2	0.0	1.3	-----	0.0	2.7	-----	0.0	4.0	-----
Stroke	3	0.0	18.5	-----	33.3	26.3	-----	66.7	30.6	-----
Hip Fracture	1	0.0	5.7	-----	0.0	10.7	-----	0.0	15.4	-----
Sepsis	4	50.0	28.8	-----	50.0	37.4	-----	50.0	42.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	0.5	-----	0.0	1.2	-----	0.0	2.1	-----
Cholecystectomy	2	0.0	3.8	-----	0.0	7.1	-----	0.0	9.3	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MERCY HOSPITAL TURNER MEMORIAL

Medicare Provider Number: 040058

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.0 years
Proportion female	57.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	21.2 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	12.6 %

COMORBIDITIES:

Cancer	8.1 %
Chronic cardiovascular disease	29.3 %
Chronic liver disease	1.0 %
Chronic renal disease	1.5 %
Chronic pulmonary disease	15.2 %
Cerebrovascular degeneration	3.5 %
Diabetes mellitus	5.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	79.3%
State	19.8%
Outside State	0.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.3 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:

Total Beds	22
Occupancy Rate	50.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	57.8 %
Case Mix Index (CMI)	0.9123

STAFFING:

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

METHODIST HOSPITAL OF JONESBORO

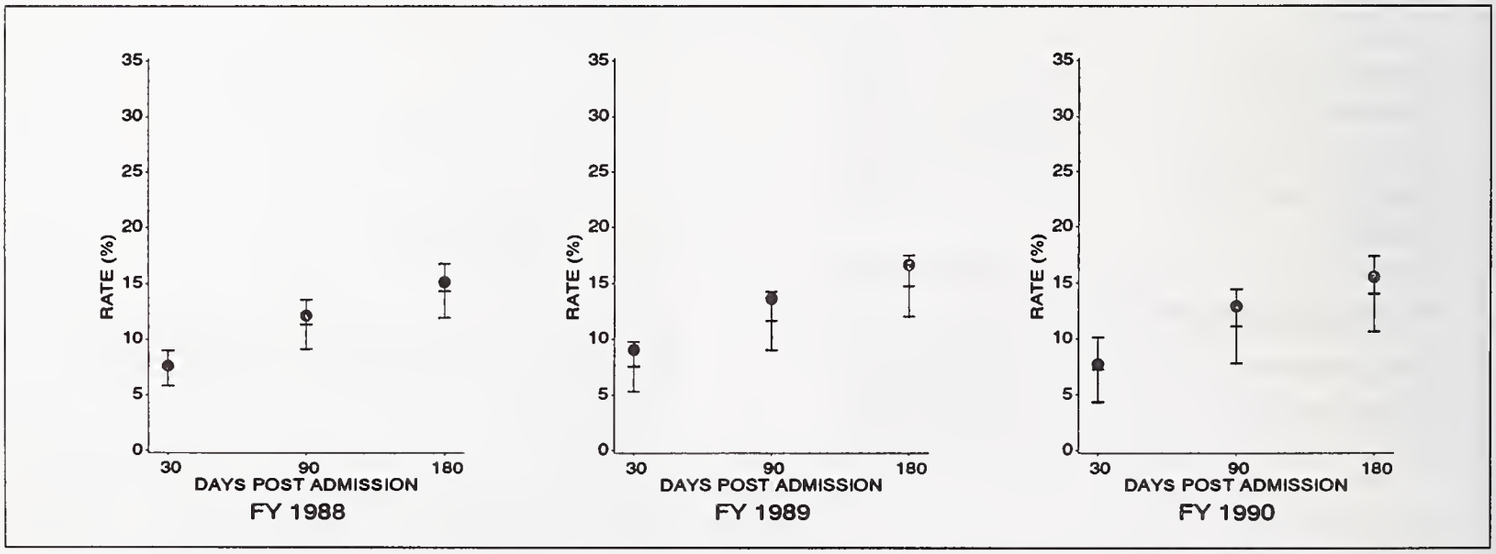
3024 STADIUM BLVD
JONESBORO, AR 72401
Medicare Provider Number: 040118

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1210	7.7	7.2	1.5	12.9	11.1	1.7	15.5	14.0	1.7
CONDITIONS:										
Acute Myocardial Infarction	23	26.1	24.4	-----	34.8	26.9	-----	39.1	29.4	-----
Congestive Heart Failure	59	22.0	13.5	8.0	33.9	22.0	9.0	44.1	28.3	9.7
Pneumonia/Influenza	90	12.2	13.9	4.1	21.1	19.3	4.7	21.1	22.6	5.1
Chronic Obstructive Pulmonary Disease	26	7.7	6.1	-----	23.1	11.5	-----	23.1	15.5	-----
Transient Cerebral Ischemia	20	0.0	1.4	-----	10.0	3.0	-----	15.0	4.9	-----
Stroke	26	26.9	14.7	-----	26.9	20.0	-----	30.8	23.2	-----
Hip Fracture	44	2.3	5.8	-----	11.4	10.0	-----	15.9	12.8	-----
Sepsis	5	20.0	31.6	-----	20.0	39.4	-----	40.0	44.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	16.7	2.2	-----	16.7	4.4	-----	16.7	6.4	-----
Carotid Endarterectomy	5	0.0	1.3	-----	0.0	2.5	-----	0.0	3.9	-----
Hip Replacement/Reconstruction	29	6.9	2.5	-----	6.9	4.5	-----	17.2	6.1	-----
Open Reduction of Hip Fracture	25	0.0	4.7	-----	12.0	8.5	-----	12.0	11.2	-----
Prostatectomy	53	0.0	1.1	2.1	5.7	2.6	3.4	7.5	4.4	4.6
Cholecystectomy	20	0.0	1.1	-----	0.0	2.2	-----	0.0	3.1	-----
Hysterectomy	7	0.0	0.1	-----	0.0	0.4	-----	0.0	0.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



METHODIST HOSPITAL OF JONESBORO
Medicare Provider Number: 040118

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.4 years
Proportion female	55.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	60.5 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.7 %
Admitted for emergency	3.2 %

COMORBIDITIES:

Cancer	4.1 %
Chronic cardiovascular disease	26.4 %
Chronic liver disease	0.5 %
Chronic renal disease	2.1 %
Chronic pulmonary disease	13.6 %
Cerebrovascular degeneration	2.2 %
Diabetes mellitus	6.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	48.0%
State	48.7%
Outside State	3.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.1 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:

Total Beds	98
Occupancy Rate	73.0 %
Ownership/Control	Church
Medicare Discharges	42.9 %
Case Mix Index (CMI)	1.1230

STAFFING:

Total Number of Physicians	43
Percent of Physicians Board Certified Specialists	86.0 %
Medical Residents/Interns	0
Registered Nurses	55
Licensed Practical Nurses	39

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

MISSISSIPPI COUNTY HOSPITAL-BLYTHEVILLE

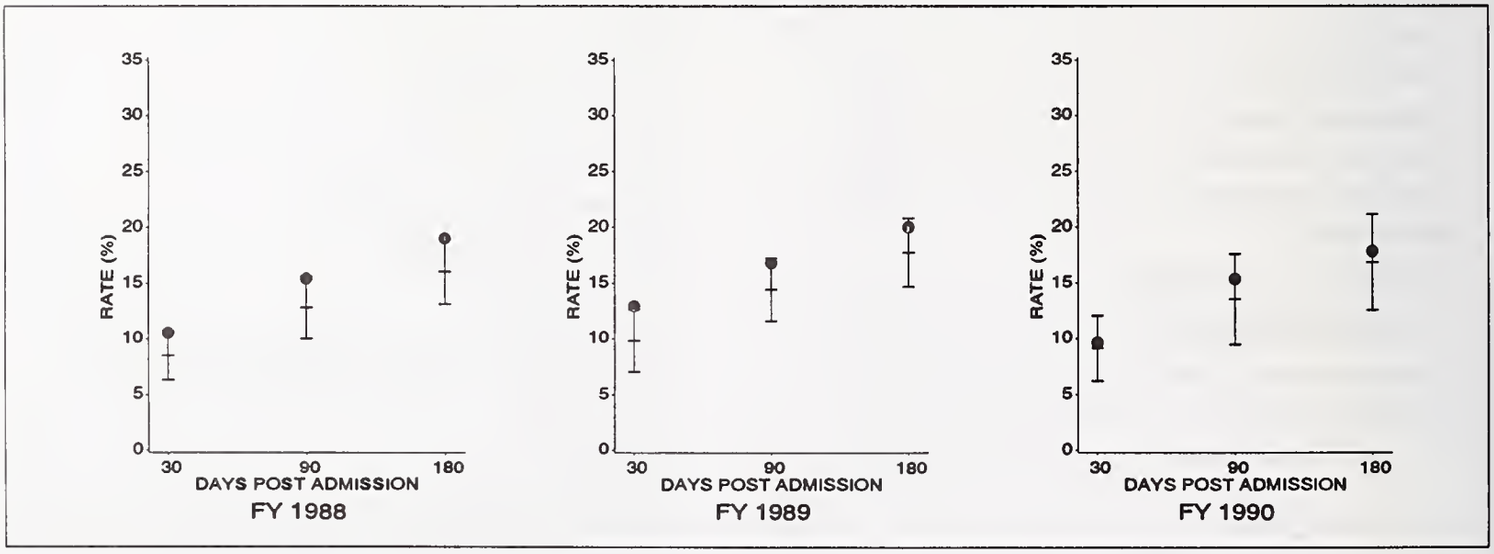
DIVISION AND HIGHLAND STREETS
BLYTHEVILLE, AR 72315
Medicare Provider Number: 040069

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	821	9.6	9.1	1.5	15.3	13.5	2.0	17.8	16.8	2.2
CONDITIONS:										
Acute Myocardial Infarction	36	25.0	24.5	-----	27.8	27.3	-----	27.8	30.0	-----
Congestive Heart Failure	38	15.8	13.8	-----	23.7	22.0	-----	26.3	28.0	-----
Pneumonia/Influenza	47	10.6	15.8	-----	19.1	21.7	-----	23.4	25.3	-----
Chronic Obstructive Pulmonary Disease	18	5.6	4.8	-----	11.1	8.7	-----	16.7	11.9	-----
Transient Cerebral Ischemia	8	0.0	1.7	-----	0.0	3.8	-----	0.0	6.0	-----
Stroke	34	8.8	17.6	-----	14.7	23.2	-----	17.6	27.0	-----
Hip Fracture	19	15.8	5.9	-----	21.1	10.9	-----	21.1	14.8	-----
Sepsis	9	44.4	30.1	-----	55.6	39.4	-----	55.6	44.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	1.8	-----	0.0	3.5	-----	0.0	5.3	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	18	16.7	6.0	-----	22.2	11.3	-----	22.2	15.3	-----
Prostatectomy	32	3.1	1.2	-----	6.3	2.6	-----	6.3	4.4	-----
Cholecystectomy	11	0.0	3.8	-----	0.0	6.7	-----	0.0	8.4	-----
Hysterectomy	7	0.0	0.9	-----	0.0	2.0	-----	0.0	3.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MISSISSIPPI COUNTY HOSPITAL-BLYTHEVILLE

Medicare Provider Number: 040069

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.1 years
Proportion female	56.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	83.8 %
Transferred from skilled nursing facility	1.8 %
Admitted for elective procedure	0.0 %
Admitted for emergency	67.2 %

COMORBIDITIES:

Cancer	5.4 %
Chronic cardiovascular disease	27.2 %
Chronic liver disease	1.1 %
Chronic renal disease	1.8 %
Chronic pulmonary disease	8.8 %
Cerebrovascular degeneration	4.1 %
Diabetes mellitus	5.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	80.6%
State	2.1%
Outside State	17.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.5 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	178
Occupancy Rate	70.0 %
Ownership/Control	Local Government
Medicare Discharges	36.3 %
Case Mix Index (CMI)	1.0169

STAFFING:

Total Number of Physicians	26
Percent of Physicians Board Certified Specialists	96.2 %
Medical Residents/Interns	0
Registered Nurses	52
Licensed Practical Nurses	44

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

MISSISSIPPI COUNTY HOSPITAL-OSCEOLA

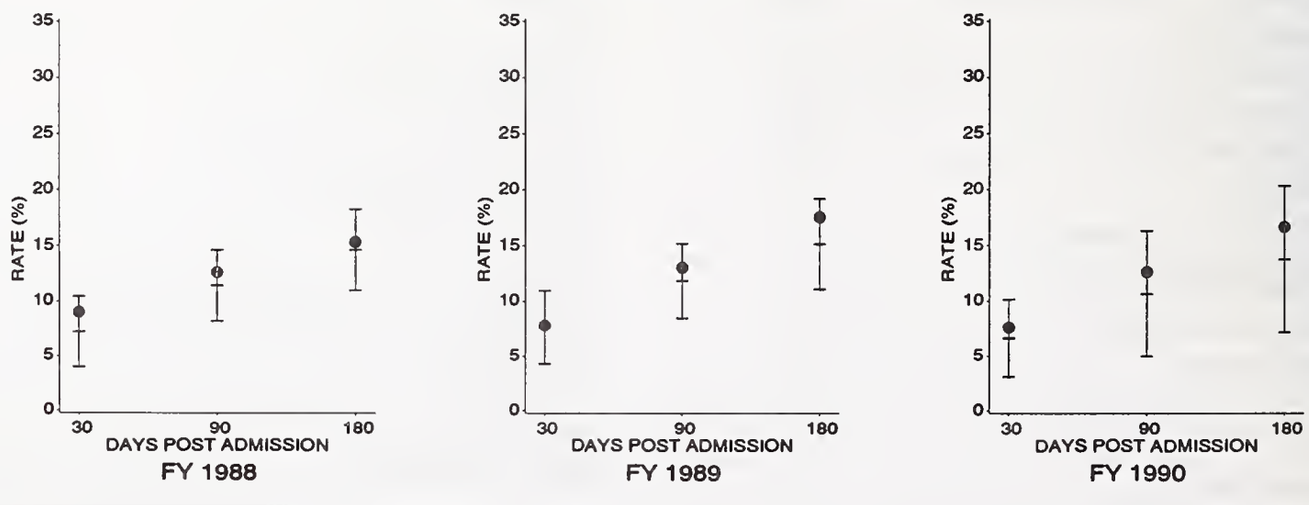
LEE AND GRANDVIEW POB 607
OSCEOLA, AR 72370
Medicare Provider Number: 040070

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	446	7.6	6.6	1.8	12.6	10.6	2.8	16.6	13.7	3.3
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	43.6	-----	33.3	47.5	-----	66.7	51.4	-----
Congestive Heart Failure	27	14.8	14.7	-----	22.2	24.7	-----	25.9	31.2	-----
Pneumonia/Influenza	20	25.0	13.8	-----	30.0	18.6	-----	40.0	21.9	-----
Chronic Obstructive Pulmonary Disease	29	6.9	8.1	-----	20.7	14.7	-----	34.5	19.2	-----
Transient Cerebral Ischemia	1	0.0	1.3	-----	0.0	2.5	-----	0.0	4.0	-----
Stroke	9	11.1	13.1	-----	11.1	16.5	-----	11.1	19.0	-----
Hip Fracture	0									
Sepsis	2	100.0	36.0	-----	100.0	41.2	-----	100.0	46.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	2.0	-----	0.0	5.4	-----	0.0	9.6	-----
Cholecystectomy	7	0.0	0.8	-----	0.0	1.4	-----	0.0	1.8	-----
Hysterectomy	1	0.0	0.2	-----	0.0	0.4	-----	0.0	0.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MISSISSIPPI COUNTY HOSPITAL-OSCEOLA

Medicare Provider Number: 040070

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	72.8 years
Proportion female	60.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	52.0 %
Transferred from skilled nursing facility	0.4 %
Admitted for elective procedure	0.0 %
Admitted for emergency	15.7 %

COMORBIDITIES:

Cancer	4.9 %
Chronic cardiovascular disease	26.9 %
Chronic liver disease	0.2 %
Chronic renal disease	2.5 %
Chronic pulmonary disease	17.0 %
Cerebrovascular degeneration	2.2 %
Diabetes mellitus	9.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	92.0%
State	4.9%
Outside State	3.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.9 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	50
Occupancy Rate	34.0 %
Ownership/Control	Local Government
Medicare Discharges	47.1 %
Case Mix Index (CMI)	0.9049

STAFFING:

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	100.0 %
Medical Residents/Interns	0
Registered Nurses	18
Licensed Practical Nurses	21

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

NATIONAL PARK MEDICAL CENTER

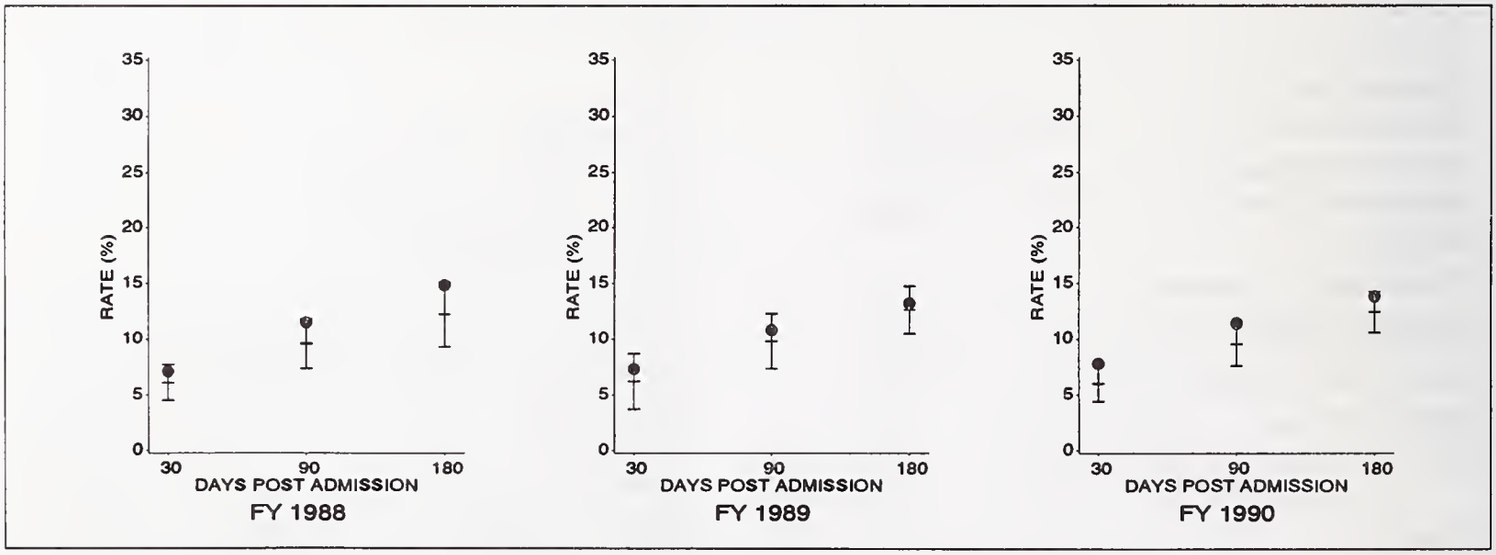
3110 MALVERN
HOT SPRINGS, AR 71901
Medicare Provider Number: 040078

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1708	7.8	6.0	0.8	11.4	9.5	1.0	13.8	12.4	0.9
CONDITIONS:										
Acute Myocardial Infarction	33	42.4	25.8	-----	42.4	28.7	-----	48.5	31.7	-----
Congestive Heart Failure	57	17.5	14.6	6.3	26.3	23.1	6.2	28.1	29.2	6.3
Pneumonia/Influenza	78	19.2	14.9	6.2	23.1	20.5	5.8	25.6	24.3	6.7
Chronic Obstructive Pulmonary Disease	16	6.3	6.5	-----	6.3	11.2	-----	12.5	14.9	-----
Transient Cerebral Ischemia	22	4.5	1.3	-----	9.1	2.8	-----	9.1	4.7	-----
Stroke	43	14.0	17.9	-----	20.9	22.9	-----	20.9	26.5	-----
Hip Fracture	43	4.7	5.3	-----	9.3	9.1	-----	11.6	12.0	-----
Sepsis	15	26.7	21.4	-----	33.3	30.3	-----	33.3	35.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	24	4.2	2.6	-----	4.2	5.0	-----	8.3	7.1	-----
Carotid Endarterectomy	19	0.0	1.6	-----	0.0	3.0	-----	0.0	4.5	-----
Hip Replacement/Reconstruction	31	6.5	3.2	-----	16.1	5.9	-----	16.1	8.1	-----
Open Reduction of Hip Fracture	24	0.0	4.5	-----	0.0	7.9	-----	4.2	10.5	-----
Prostatectomy	80	0.0	0.6	1.4	2.5	1.5	1.5	2.5	2.6	3.1
Cholecystectomy	40	5.0	2.0	-----	7.5	3.7	-----	10.0	5.1	-----
Hysterectomy	18	0.0	0.2	-----	0.0	0.5	-----	0.0	0.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



NATIONAL PARK MEDICAL CENTER

Medicare Provider Number: 040078

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	72.7 years
Proportion female	53.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	58.0 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	57.8 %
Admitted for emergency	8.4 %

COMORBIDITIES:

Cancer	5.6 %
Chronic cardiovascular disease	36.4 %
Chronic liver disease	0.6 %
Chronic renal disease	5.3 %
Chronic pulmonary disease	14.2 %
Cerebrovascular degeneration	2.2 %
Diabetes mellitus	7.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	71.7%
State	25.9%
Outside State	2.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.9 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	155
Occupancy Rate	74.0 %
Ownership/Control	Private, For Profit
Medicare Discharges	38.7 %
Case Mix Index (CMI)	1.2216

STAFFING:

Total Number of Physicians	101
Percent of Physicians Board Certified Specialists	88.1 %
Medical Residents/Interns	0
Registered Nurses	96
Licensed Practical Nurses	78

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

NEVADA COUNTY HOSPITAL

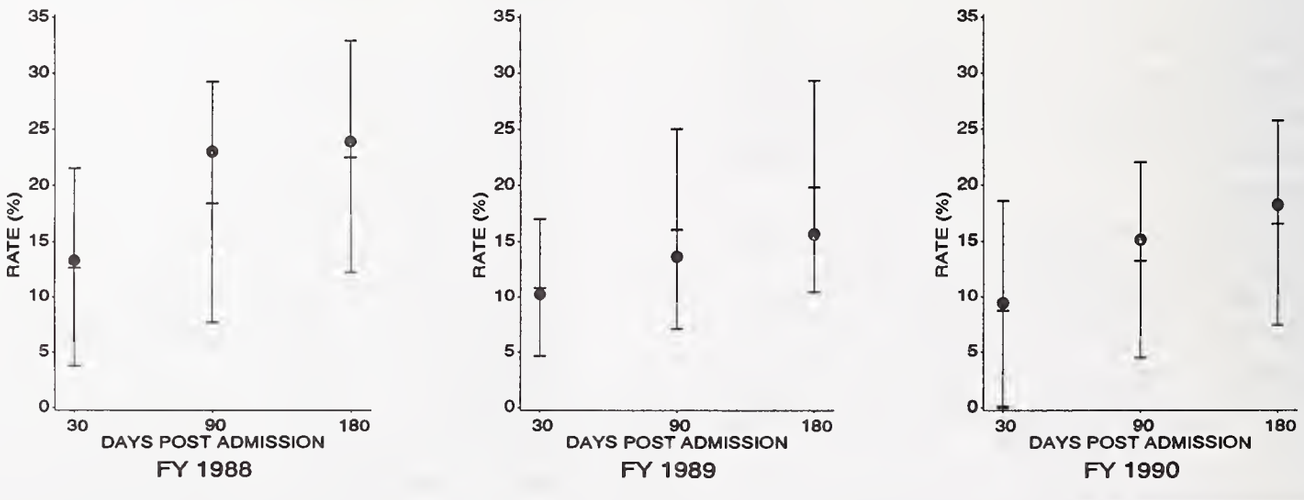
HIGHWAY 67 N BOX 707
PRESCOTT, AR 71857
Medicare Provider Number: 040095

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	159	9.4	8.7	4.9	15.1	13.2	4.4	18.2	16.5	4.6
CONDITIONS:										
Acute Myocardial Infarction	2	100.0	25.9	-----	100.0	32.7	-----	100.0	35.8	-----
Congestive Heart Failure	9	11.1	17.4	-----	11.1	26.9	-----	22.2	32.7	-----
Pneumonia/Influenza	28	14.3	13.1	-----	21.4	18.3	-----	25.0	21.4	-----
Chronic Obstructive Pulmonary Disease	3	0.0	11.8	-----	0.0	19.1	-----	0.0	22.7	-----
Transient Cerebral Ischemia	5	0.0	1.5	-----	0.0	3.8	-----	0.0	6.7	-----
Stroke	1	100.0	33.2	-----	100.0	40.2	-----	100.0	45.0	-----
Hip Fracture	0									
Sepsis	1	100.0	46.2	-----	100.0	55.0	-----	100.0	62.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



NEVADA COUNTY HOSPITAL
Medicare Provider Number: 040095

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.0 years
Proportion female	63.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	16.4 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	0.0 %

COMORBIDITIES:

Cancer	2.5 %
Chronic cardiovascular disease	23.9 %
Chronic liver disease	0.0 %
Chronic renal disease	0.6 %
Chronic pulmonary disease	9.4 %
Cerebrovascular degeneration	1.9 %
Diabetes mellitus	6.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	77.7%
State	17.4%
Outside State	4.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.8 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	49
Occupancy Rate	16.0 %
Ownership/Control	Local Government
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	0.9256

STAFFING:

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	50.0 %
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

NEWPORT HOSPITAL AND CLINIC INC

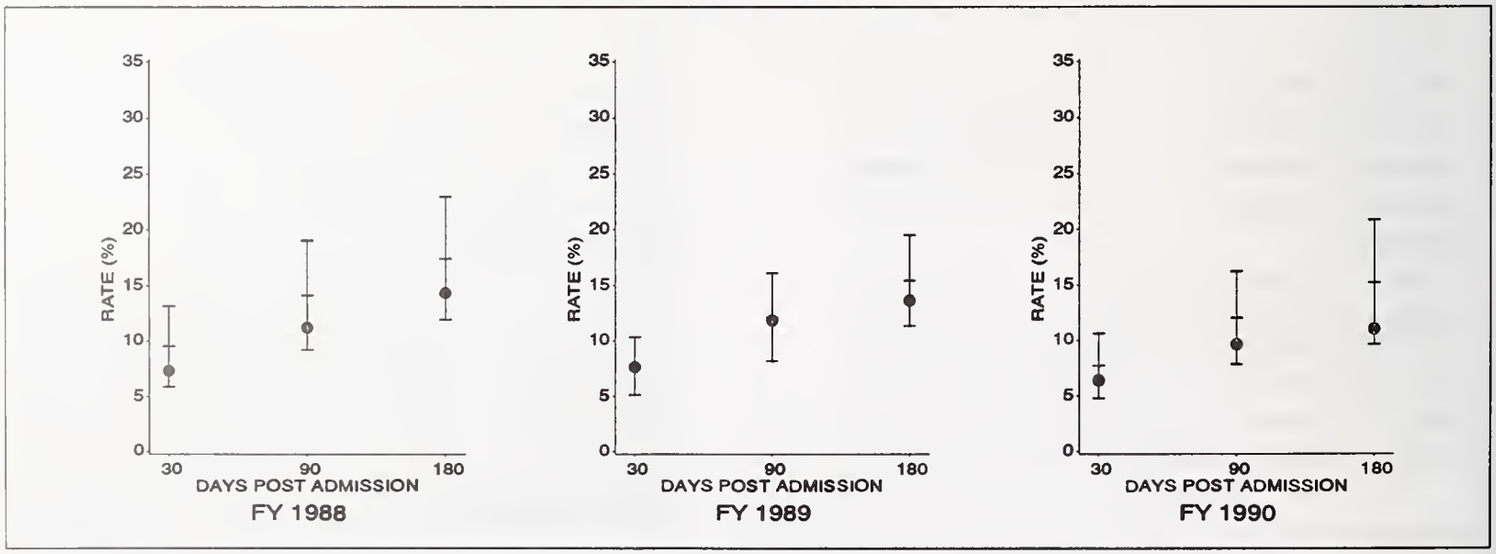
2000 MCLAIN ST
NEWPORT, AR 72112
Medicare Provider Number: 040054

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	534	6.4	7.7	1.5	9.6	12.0	2.1	11.0	15.2	2.8
CONDITIONS:										
Acute Myocardial Infarction	8	50.0	32.2	-----	50.0	34.8	-----	50.0	37.5	-----
Congestive Heart Failure	32	12.5	14.2	-----	15.6	22.4	-----	25.0	28.3	-----
Pneumonia/Influenza	20	0.0	11.9	-----	5.0	16.5	-----	5.0	19.8	-----
Chronic Obstructive Pulmonary Disease	14	7.1	4.7	-----	7.1	8.9	-----	7.1	12.6	-----
Transient Cerebral Ischemia	23	0.0	1.6	-----	8.7	3.7	-----	8.7	5.9	-----
Stroke	16	6.3	17.2	-----	12.5	23.3	-----	12.5	27.1	-----
Hip Fracture	3	0.0	4.3	-----	0.0	8.3	-----	0.0	11.1	-----
Sepsis	4	50.0	31.8	-----	50.0	39.8	-----	50.0	44.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	2.3	-----	0.0	4.5	-----	0.0	6.1	-----
Open Reduction of Hip Fracture	0									
Prostatectomy	9	0.0	1.2	-----	0.0	2.9	-----	0.0	5.0	-----
Cholecystectomy	1	0.0	0.5	-----	0.0	0.9	-----	0.0	1.3	-----
Hysterectomy	1	0.0	0.5	-----	0.0	1.0	-----	0.0	1.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



NEWPORT HOSPITAL AND CLINIC INC
Medicare Provider Number: 040054

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	72.8 years
Proportion female	57.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	46.4 %
Transferred from skilled nursing facility	7.5 %
Admitted for elective procedure	0.0 %
Admitted for emergency	3.9 %

COMORBIDITIES:

Cancer	4.5 %
Chronic cardiovascular disease	34.5 %
Chronic liver disease	0.6 %
Chronic renal disease	3.7 %
Chronic pulmonary disease	18.9 %
Cerebrovascular degeneration	1.9 %
Diabetes mellitus	8.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	70.5%
State	28.7%
Outside State	0.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.6 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	86
Occupancy Rate	38.0 %
Ownership/Control	Private, For Profit
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	0.9583

STAFFING:

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

NORTH ARKANSAS MEDICAL CENTER

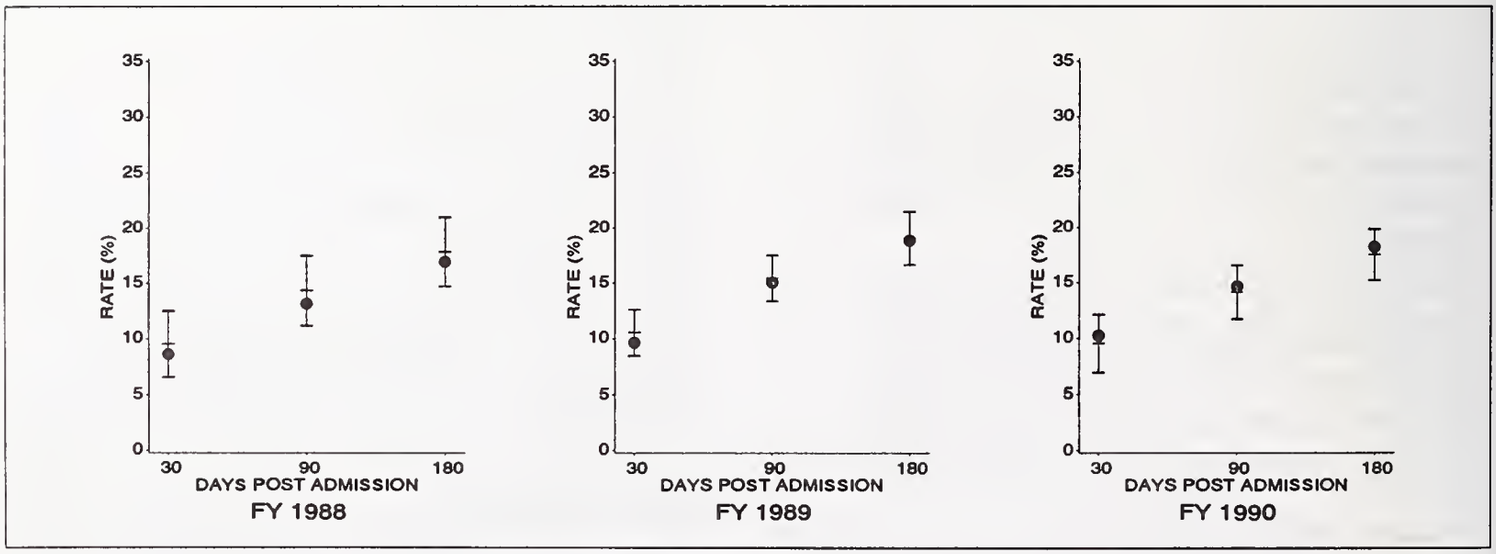
620 N WILLOW
HARRISON, AR 72601
Medicare Provider Number: 040017

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1453	10.2	9.5	1.3	14.6	14.1	1.2	18.2	17.5	1.2
CONDITIONS:										
Acute Myocardial Infarction	67	26.9	28.2	7.8	29.9	31.5	7.1	38.8	34.4	8.8
Congestive Heart Failure	70	12.9	15.5	4.6	15.7	24.2	6.5	20.0	30.5	7.3
Pneumonia/Influenza	129	17.1	14.6	4.7	22.5	20.2	5.1	26.4	24.0	4.7
Chronic Obstructive Pulmonary Disease	12	0.0	5.1	-----	0.0	9.3	-----	0.0	13.2	-----
Transient Cerebral Ischemia	23	0.0	2.0	-----	0.0	4.7	-----	0.0	7.7	-----
Stroke	46	30.4	20.6	-----	32.6	27.0	-----	34.8	31.2	-----
Hip Fracture	60	6.7	5.3	3.1	11.7	9.4	4.2	11.7	12.4	5.4
Sepsis	19	15.8	23.5	-----	31.6	33.3	-----	47.4	38.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	3.5	-----	0.0	6.8	-----	0.0	9.8	-----
Carotid Endarterectomy	8	0.0	2.1	-----	0.0	3.7	-----	0.0	5.4	-----
Hip Replacement/Reconstruction	32	0.0	2.2	-----	3.1	4.0	-----	3.1	5.5	-----
Open Reduction of Hip Fracture	43	9.3	5.3	-----	14.0	9.7	-----	14.0	12.9	-----
Prostatectomy	60	3.3	1.0	1.8	6.7	2.4	2.9	11.7	4.1	4.5
Cholecystectomy	48	0.0	1.3	-----	0.0	2.5	-----	0.0	3.4	-----
Hysterectomy	6	0.0	0.2	-----	0.0	0.4	-----	0.0	0.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



NORTH ARKANSAS MEDICAL CENTER

Medicare Provider Number: 040017

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.7 years
Proportion female	54.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	42.3 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	15.7 %
Admitted for emergency	3.7 %

COMORBIDITIES:

Cancer	7.0 %
Chronic cardiovascular disease	33.7 %
Chronic liver disease	0.2 %
Chronic renal disease	1.8 %
Chronic pulmonary disease	16.6 %
Cerebrovascular degeneration	3.4 %
Diabetes mellitus	5.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	62.2%
State	34.7%
Outside State	3.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.4 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	128
Occupancy Rate	59.0 %
Ownership/Control	Local Government
Medicare Discharges	47.1 %
Case Mix Index (CMI)	1.2420

STAFFING:

Total Number of Physicians	46
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	63
Licensed Practical Nurses	88

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

NORTH LOGAN MERCY HOSPITAL

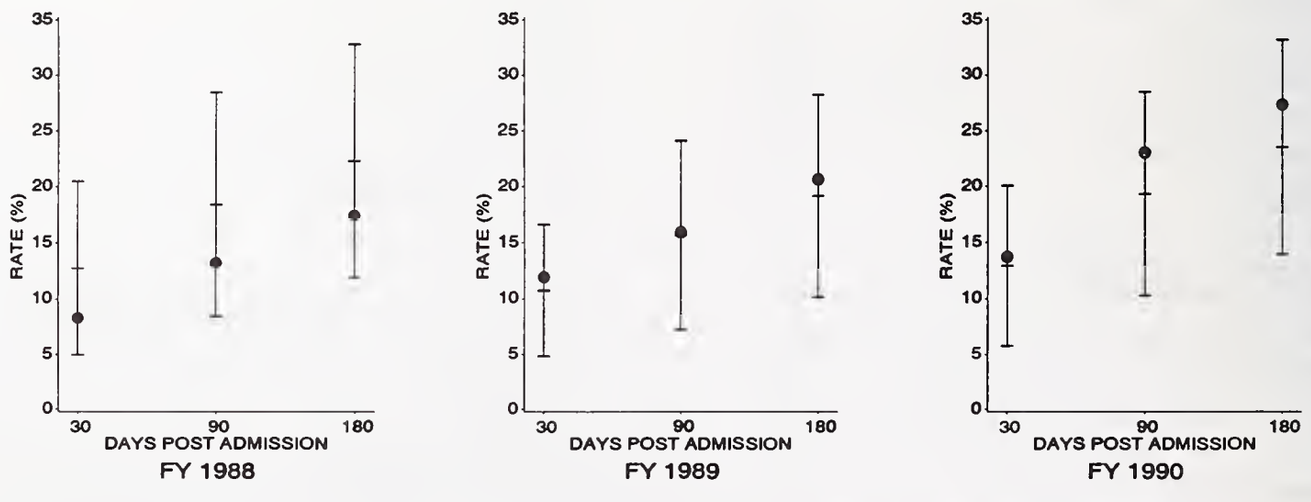
500 EAST ACADEMY
PARIS, AR 72855
Medicare Provider Number: 040124

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	139	13.7	12.9	3.6	23.0	19.3	4.6	27.3	23.5	4.8
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	23.9	-----	50.0	26.7	-----	50.0	29.5	-----
Congestive Heart Failure	16	25.0	16.1	-----	37.5	25.5	-----	43.8	32.0	-----
Pneumonia/Influenza	23	13.0	15.6	-----	17.4	21.4	-----	17.4	25.3	-----
Chronic Obstructive Pulmonary Disease	3	0.0	9.1	-----	0.0	14.9	-----	0.0	18.6	-----
Transient Cerebral Ischemia	1	0.0	2.3	-----	0.0	5.0	-----	100.0	7.7	-----
Stroke	5	20.0	26.2	-----	60.0	34.8	-----	80.0	39.5	-----
Hip Fracture	1	0.0	15.0	-----	0.0	28.1	-----	0.0	35.2	-----
Sepsis	3	33.3	32.7	-----	33.3	37.7	-----	33.3	41.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	1.1	-----	0.0	2.0	-----	0.0	2.7	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



NORTH LOGAN MERCY HOSPITAL

Medicare Provider Number: 040124

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.2 years
Proportion female	53.2 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	30.2 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	7.9 %
Admitted for emergency	3.6 %

COMORBIDITIES:

Cancer	8.6 %
Chronic cardiovascular disease	49.6 %
Chronic liver disease	2.2 %
Chronic renal disease	2.9 %
Chronic pulmonary disease	26.6 %
Cerebrovascular degeneration	6.5 %
Diabetes mellitus	5.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	91.2%
State	6.7%
Outside State	2.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.3 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	16
Occupancy Rate	43.0 %
Ownership/Control	Church
Medicare Discharges	53.7 %
Case Mix Index (CMI)	1.1086

STAFFING:

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	40.0 %
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	4

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

OUACHITA COUNTY HOSPITAL

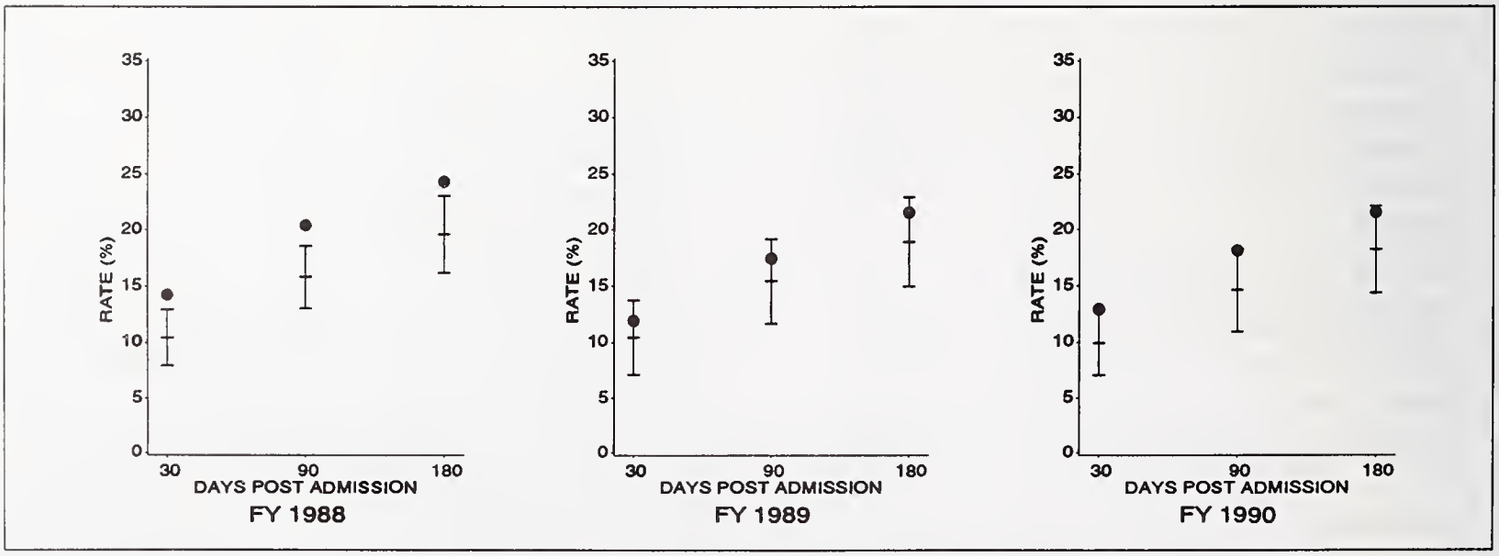
638 CALIFORNIA
CAMDEN, AR 71701
Medicare Provider Number: 040050

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	901	12.9	9.9	1.4	18.1	14.6	1.9	21.5	18.2	1.9
CONDITIONS:										
Acute Myocardial Infarction	31	29.0	29.6	-----	29.0	32.6	-----	29.0	35.2	-----
Congestive Heart Failure	77	10.4	14.3	5.6	18.2	22.4	5.9	27.3	28.6	7.6
Pneumonia/Influenza	55	21.8	15.6	7.9	34.5	21.1	11.1	34.5	25.0	10.9
Chronic Obstructive Pulmonary Disease	23	13.0	4.5	-----	21.7	8.8	-----	26.1	12.7	-----
Transient Cerebral Ischemia	17	0.0	1.7	-----	0.0	4.1	-----	0.0	7.1	-----
Stroke	46	41.3	22.1	-----	45.7	27.7	-----	47.8	31.5	-----
Hip Fracture	19	15.8	5.8	-----	15.8	10.5	-----	36.8	13.9	-----
Sepsis	11	27.3	22.0	-----	36.4	29.3	-----	36.4	33.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	3.1	-----	0.0	6.2	-----	14.3	8.6	-----
Open Reduction of Hip Fracture	12	25.0	6.5	-----	25.0	11.8	-----	50.0	15.8	-----
Prostatectomy	11	9.1	1.0	-----	9.1	2.6	-----	9.1	4.8	-----
Cholecystectomy	19	0.0	1.7	-----	5.3	3.2	-----	5.3	4.6	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



OUACHITA COUNTY HOSPITAL
Medicare Provider Number: 040050

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.6 years
Proportion female	56.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	39.1 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.2 %
Admitted for emergency	57.6 %

COMORBIDITIES:

Cancer	5.8 %
Chronic cardiovascular disease	36.8 %
Chronic liver disease	0.4 %
Chronic renal disease	4.6 %
Chronic pulmonary disease	12.8 %
Cerebrovascular degeneration	4.1 %
Diabetes mellitus	8.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	88.9%
State	9.9%
Outside State	1.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.6 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	150
Occupancy Rate	36.0 %
Ownership/Control	Local Government
Medicare Discharges	41.6 %
Case Mix Index (CMI)	1.0261

STAFFING:

Total Number of Physicians	34
Percent of Physicians Board Certified Specialists	82.4 %
Medical Residents/Interns	0
Registered Nurses	49
Licensed Practical Nurses	57

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

PIGGOTT COMMUNITY HOSPITAL

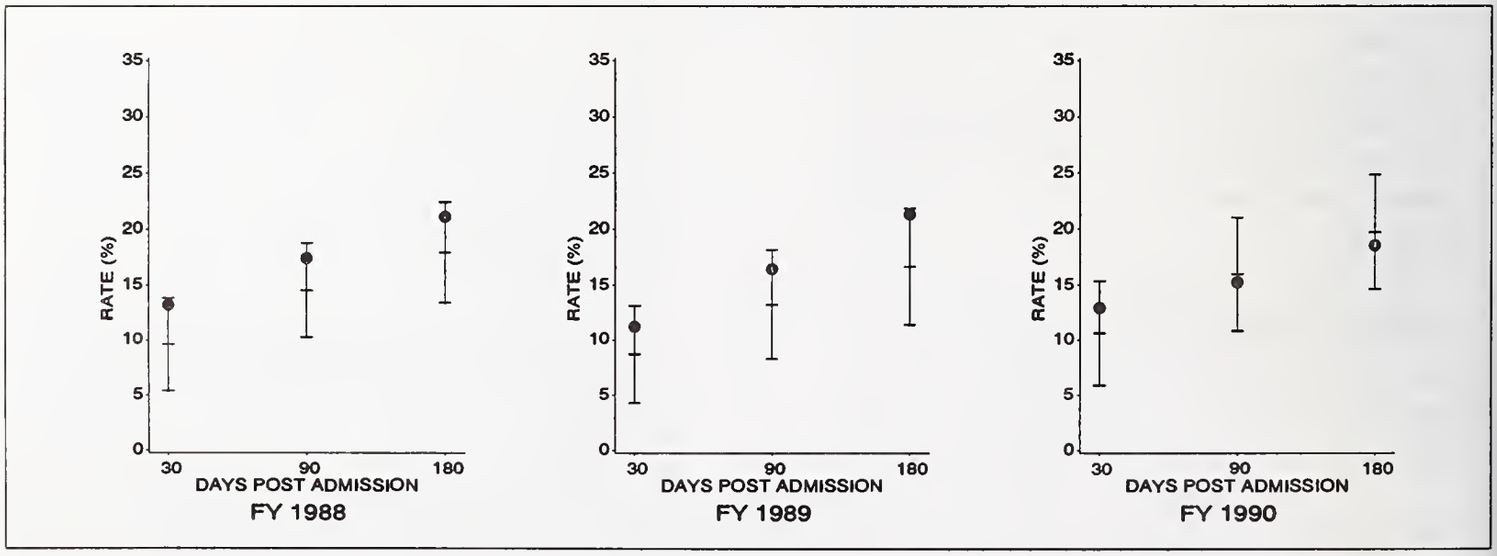
1206 HWY 62 WEST
PIGGOTT, AR 72454
Medicare Provider Number: 040045

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	341	12.9	10.6	2.4	15.2	15.9	2.6	18.5	19.7	2.6
CONDITIONS:										
Acute Myocardial Infarction	16	31.3	29.6	-----	31.3	32.9	-----	31.3	36.1	-----
Congestive Heart Failure	28	17.9	15.8	-----	25.0	24.6	-----	32.1	31.0	-----
Pneumonia/Influenza	19	10.5	12.6	-----	10.5	17.0	-----	10.5	20.3	-----
Chronic Obstructive Pulmonary Disease	5	0.0	5.9	-----	0.0	10.0	-----	0.0	12.9	-----
Transient Cerebral Ischemia	6	0.0	3.3	-----	0.0	7.3	-----	0.0	11.2	-----
Stroke	27	22.2	17.9	-----	22.2	24.2	-----	29.6	28.0	-----
Hip Fracture	2	0.0	10.7	-----	0.0	21.2	-----	0.0	29.6	-----
Sepsis	1	0.0	7.7	-----	0.0	10.9	-----	0.0	12.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	0.5	-----	0.0	1.0	-----	0.0	1.3	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



PIGGOTT COMMUNITY HOSPITAL

Medicare Provider Number: 040045

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.1 years
Proportion female	66.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	50.1 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	0.6 %
Admitted for emergency	0.3 %

COMORBIDITIES:

Cancer	5.6 %
Chronic cardiovascular disease	41.6 %
Chronic liver disease	0.6 %
Chronic renal disease	5.0 %
Chronic pulmonary disease	13.2 %
Cerebrovascular degeneration	3.2 %
Diabetes mellitus	11.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	74.1%
State	3.0%
Outside State	22.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.0 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	35
Occupancy Rate	45.0 %
Ownership/Control	Local Government
Medicare Discharges	70.6 %
Case Mix Index (CMI)	0.9629

STAFFING:

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	40.0 %
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

PIKE COUNTY MEMORIAL HOSPITAL

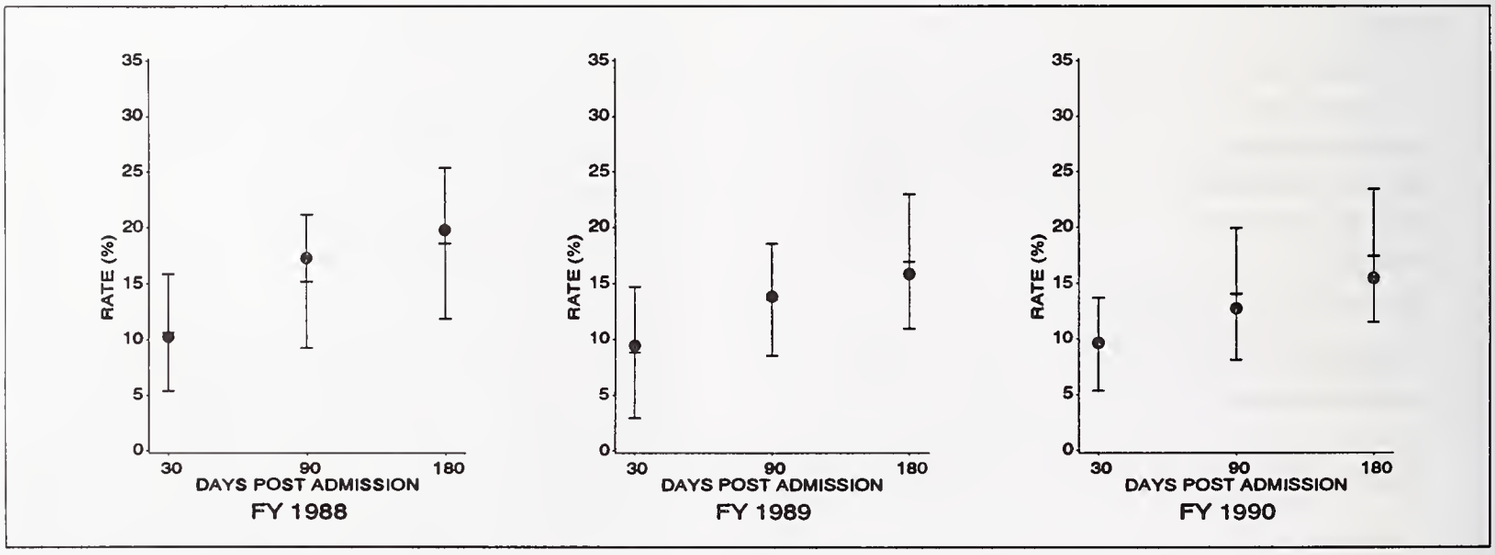
315 E 13TH ST POB F
MURFREESBORO, AR 71958
Medicare Provider Number: 040081

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	228	9.6	9.5	2.1	12.7	14.0	3.0	15.4	17.4	3.0
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	28.1	-----	30.0	30.8	-----	30.0	33.3	-----
Congestive Heart Failure	10	30.0	15.0	-----	30.0	22.7	-----	30.0	28.0	-----
Pneumonia/Influenza	27	7.4	14.1	-----	11.1	19.2	-----	18.5	22.8	-----
Chronic Obstructive Pulmonary Disease	14	0.0	6.4	-----	0.0	11.1	-----	0.0	14.4	-----
Transient Cerebral Ischemia	3	0.0	1.9	-----	0.0	4.6	-----	33.3	7.9	-----
Stroke	11	9.1	16.0	-----	18.2	22.3	-----	18.2	26.8	-----
Hip Fracture	0									
Sepsis	1	100.0	36.9	-----	100.0	48.1	-----	100.0	54.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



PIKE COUNTY MEMORIAL HOSPITAL
Medicare Provider Number: 040081

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.0 years
Proportion female	54.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	46.5 %
Transferred from skilled nursing facility	1.8 %
Admitted for elective procedure	0.4 %
Admitted for emergency	0.4 %

COMORBIDITIES:

Cancer	5.3 %
Chronic cardiovascular disease	41.7 %
Chronic liver disease	0.0 %
Chronic renal disease	0.9 %
Chronic pulmonary disease	18.0 %
Cerebrovascular degeneration	4.8 %
Diabetes mellitus	3.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	70.0%
State	26.6%
Outside State	3.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.1 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	32
Occupancy Rate	37.0 %
Ownership/Control	Local Government
Medicare Discharges	59.0 %
Case Mix Index (CMI)	0.8555

STAFFING:

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	7

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

RANDOLPH COUNTY MEDICAL CENTER

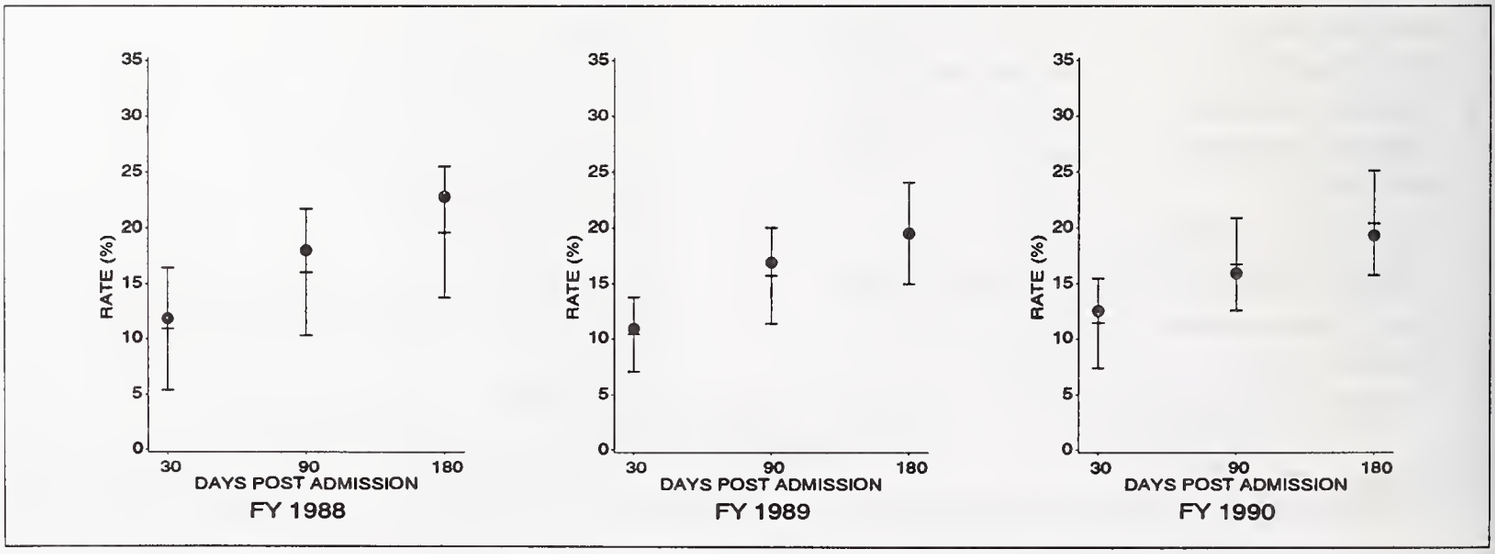
2801 MEDICAL CENTER DRIVE
POCAHONTAS, AR 72455
Medicare Provider Number: 040047

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	352	12.5	11.4	2.0	15.9	16.7	2.1	19.3	20.4	2.3
CONDITIONS:										
Acute Myocardial Infarction	13	38.5	30.9	-----	46.2	34.8	-----	46.2	38.0	-----
Congestive Heart Failure	32	15.6	15.3	-----	21.9	23.8	-----	25.0	30.5	-----
Pneumonia/Influenza	49	18.4	16.8	-----	18.4	23.1	-----	20.4	27.2	-----
Chronic Obstructive Pulmonary Disease	8	0.0	4.8	-----	0.0	8.9	-----	0.0	12.0	-----
Transient Cerebral Ischemia	5	0.0	1.6	-----	0.0	3.5	-----	0.0	5.5	-----
Stroke	15	26.7	21.8	-----	26.7	28.0	-----	33.3	32.0	-----
Hip Fracture	3	0.0	9.9	-----	0.0	16.8	-----	33.3	21.2	-----
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	9.1	-----	0.0	16.4	-----	0.0	20.0	-----
Open Reduction of Hip Fracture	1	0.0	13.7	-----	0.0	22.1	-----	100.0	28.7	-----
Prostatectomy	6	0.0	2.5	-----	16.7	6.3	-----	16.7	10.6	-----
Cholecystectomy	11	9.1	2.0	-----	9.1	3.4	-----	9.1	4.4	-----
Hysterectomy	1	0.0	1.0	-----	0.0	2.2	-----	0.0	3.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



RANDOLPH COUNTY MEDICAL CENTER

Medicare Provider Number: 040047

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.9 years
Proportion female	54.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	24.4 %
Transferred from skilled nursing facility	2.8 %
Admitted for elective procedure	0.0 %
Admitted for emergency	0.3 %

COMORBIDITIES:

Cancer	4.0 %
Chronic cardiovascular disease	41.2 %
Chronic liver disease	0.9 %
Chronic renal disease	2.6 %
Chronic pulmonary disease	15.9 %
Cerebrovascular degeneration	4.0 %
Diabetes mellitus	7.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	78.8%
State	18.2%
Outside State	3.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.2 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	50
Occupancy Rate	34.0 %
Ownership/Control	Private, For Profit
Medicare Discharges	47.4 %
Case Mix Index (CMI)	1.0080

STAFFING:

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	21
Licensed Practical Nurses	19

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

REBSAMEN REGIONAL MEDICAL CENTER

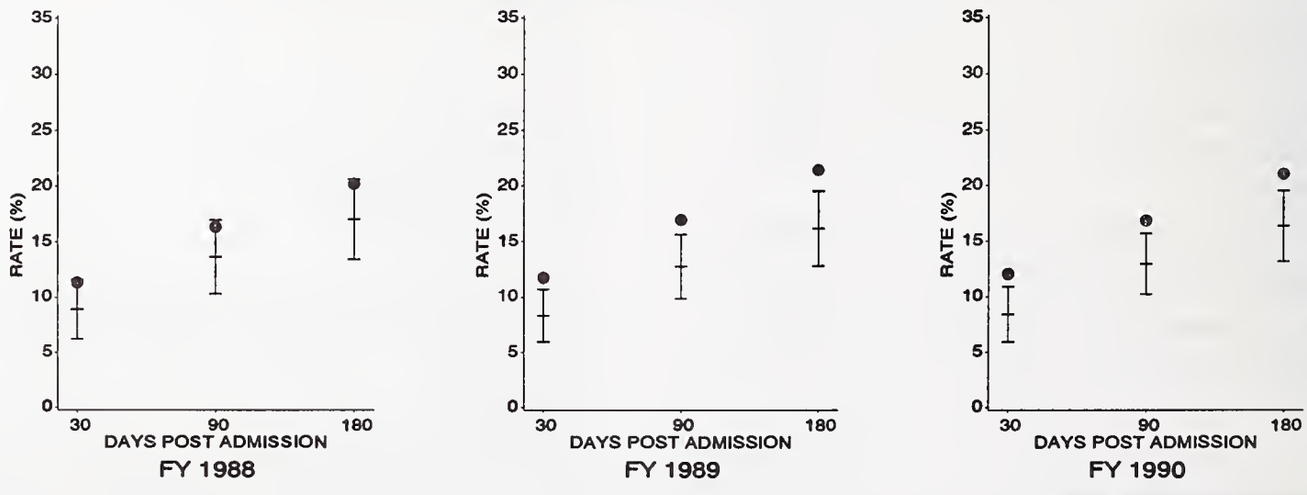
1400 BRADEN
JACKSONVILLE, AR 72076
Medicare Provider Number: 040074

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	934	12.0	8.4	1.2	16.8	12.9	1.4	21.0	16.3	1.6
CONDITIONS:										
Acute Myocardial Infarction	30	20.0	21.8	-----	23.3	24.4	-----	26.7	27.1	-----
Congestive Heart Failure	52	15.4	12.2	6.5	26.9	19.5	9.2	36.5	24.9	11.9
Pneumonia/Influenza	82	24.4	17.3	5.9	28.0	24.1	5.3	31.7	28.2	5.3
Chronic Obstructive Pulmonary Disease	15	13.3	6.9	-----	26.7	11.9	-----	33.3	15.8	-----
Transient Cerebral Ischemia	29	3.4	1.1	-----	3.4	2.4	-----	6.9	4.0	-----
Stroke	42	19.0	18.3	-----	23.8	25.4	-----	33.3	30.1	-----
Hip Fracture	35	20.0	5.7	-----	22.9	10.2	-----	31.4	13.3	-----
Sepsis	21	38.1	23.0	-----	42.9	32.4	-----	47.6	38.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	3.0	-----	0.0	5.8	-----	0.0	8.5	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	3.2	-----	14.3	6.5	-----	28.6	9.0	-----
Open Reduction of Hip Fracture	14	28.6	6.1	-----	28.6	10.7	-----	35.7	13.9	-----
Prostatectomy	18	0.0	0.9	-----	0.0	1.8	-----	0.0	2.9	-----
Cholecystectomy	18	0.0	1.1	-----	0.0	1.8	-----	0.0	2.4	-----
Hysterectomy	5	0.0	0.1	-----	0.0	0.1	-----	0.0	0.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



REBSAMEN REGIONAL MEDICAL CENTER

Medicare Provider Number: 040074

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.3 years
Proportion female	63.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	55.8 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	49.0 %
Admitted for emergency	15.5 %

COMORBIDITIES:

Cancer	5.2 %
Chronic cardiovascular disease	35.4 %
Chronic liver disease	1.0 %
Chronic renal disease	2.2 %
Chronic pulmonary disease	15.7 %
Cerebrovascular degeneration	3.0 %
Diabetes mellitus	10.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	57.8%
State	39.2%
Outside State	3.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.8 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	101
Occupancy Rate	67.0 %
Ownership/Control	Local Government
Medicare Discharges	41.1 %
Case Mix Index (CMI)	1.1342

STAFFING:

Total Number of Physicians	47
Percent of Physicians Board Certified Specialists	85.1 %
Medical Residents/Interns	0
Registered Nurses	65
Licensed Practical Nurses	66

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

SALINE MEMORIAL HOSPITAL

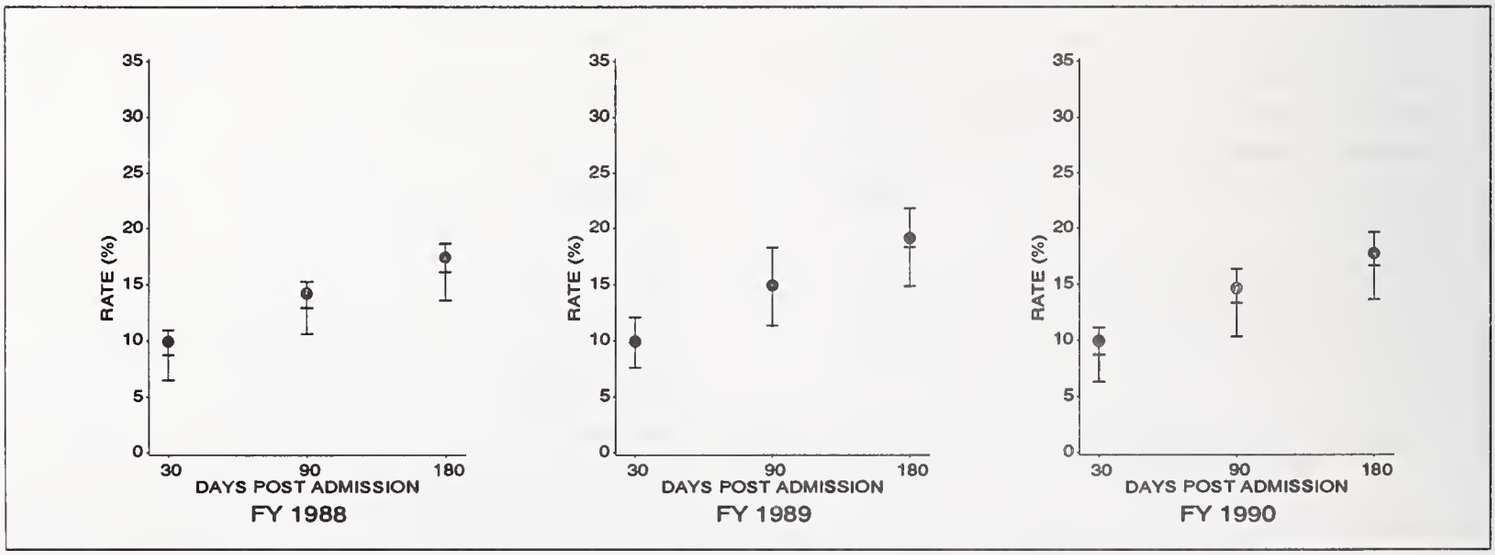
N E AT MCNEIL ST
BENTON, AR 72015
Medicare Provider Number: 040084

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1199	9.9	8.7	1.2	14.6	13.3	1.5	17.7	16.6	1.5
CONDITIONS:										
Acute Myocardial Infarction	31	45.2	29.4	-----	48.4	32.3	-----	48.4	34.9	-----
Congestive Heart Failure	68	17.6	13.3	6.1	23.5	21.0	5.4	25.0	27.0	6.2
Pneumonia/Influenza	94	11.7	14.5	4.0	22.3	19.6	4.4	25.5	22.9	4.9
Chronic Obstructive Pulmonary Disease	5	20.0	5.5	-----	20.0	9.7	-----	40.0	13.6	-----
Transient Cerebral Ischemia	28	7.1	1.5	-----	10.7	3.6	-----	14.3	6.0	-----
Stroke	44	29.5	19.0	-----	38.6	26.0	-----	40.9	29.6	-----
Hip Fracture	48	12.5	6.5	-----	16.7	11.4	-----	22.9	14.6	-----
Sepsis	22	22.7	20.2	-----	31.8	29.0	-----	31.8	33.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	2.4	-----	28.6	5.0	-----	28.6	7.3	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	18	11.1	5.1	-----	11.1	9.1	-----	16.7	11.8	-----
Open Reduction of Hip Fracture	32	12.5	6.0	-----	18.8	10.8	-----	25.0	14.2	-----
Prostatectomy	25	4.0	1.2	-----	4.0	2.5	-----	8.0	4.1	-----
Cholecystectomy	41	7.3	1.7	-----	7.3	3.0	-----	7.3	4.1	-----
Hysterectomy	6	16.7	0.7	-----	16.7	1.6	-----	16.7	2.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



SALINE MEMORIAL HOSPITAL
Medicare Provider Number: 040084

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.7 years
Proportion female	62.2 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	48.5 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.5 %
Admitted for emergency	85.5 %

COMORBIDITIES:

Cancer	4.6 %
Chronic cardiovascular disease	40.5 %
Chronic liver disease	0.3 %
Chronic renal disease	0.6 %
Chronic pulmonary disease	11.3 %
Cerebrovascular degeneration	3.5 %
Diabetes mellitus	9.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	76.1%
State	22.9%
Outside State	1.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.8 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	107
Occupancy Rate	57.0 %
Ownership/Control	Local Government
Medicare Discharges	49.9 %
Case Mix Index (CMI)	1.1332

STAFFING:

Total Number of Physicians	34
Percent of Physicians Board Certified Specialists	82.4 %
Medical Residents/Interns	0
Registered Nurses	71
Licensed Practical Nurses	69

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

SILOAM SPRINGS MEMORIAL HOSPITAL

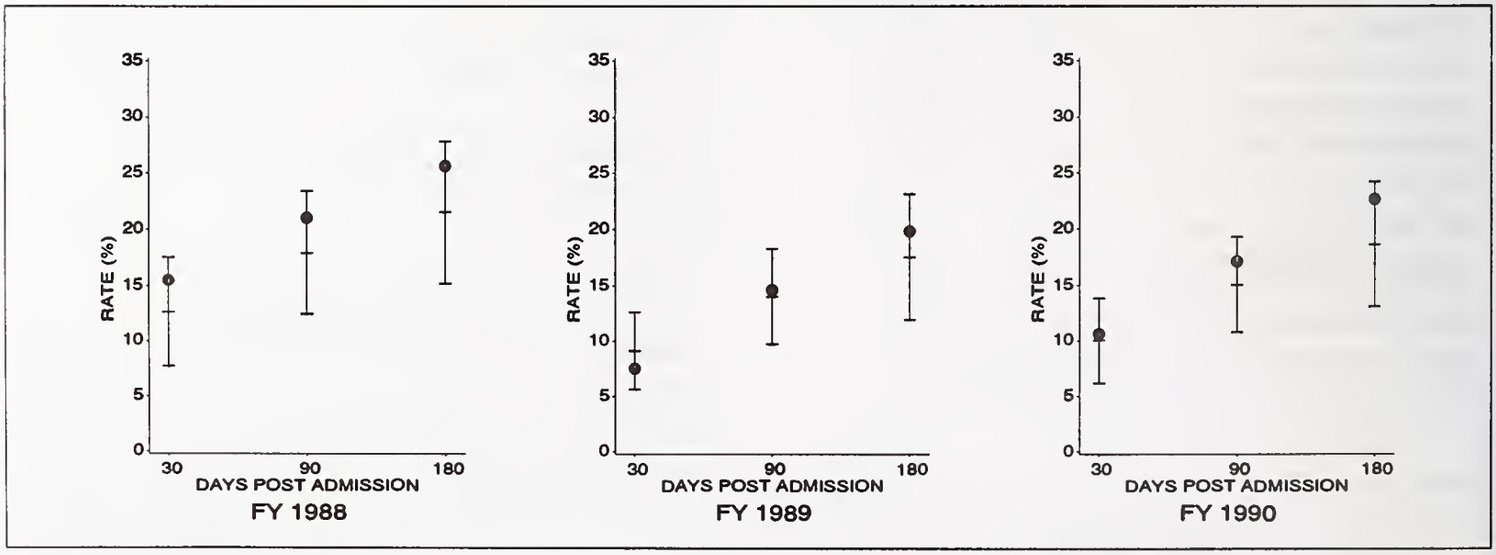
205 E JEFFERSON
SILOAM SPRINGS, AR 72761
Medicare Provider Number: 040001

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	434	10.6	10.0	1.9	17.1	15.0	2.1	22.6	18.6	2.8
CONDITIONS:										
Acute Myocardial Infarction	18	27.8	30.1	-----	27.8	35.0	-----	33.3	38.2	-----
Congestive Heart Failure	32	25.0	14.1	-----	31.3	22.6	-----	37.5	28.9	-----
Pneumonia/Influenza	40	12.5	16.5	-----	12.5	22.3	-----	17.5	26.0	-----
Chronic Obstructive Pulmonary Disease	10	10.0	5.2	-----	10.0	9.3	-----	20.0	12.9	-----
Transient Cerebral Ischemia	6	0.0	4.0	-----	50.0	7.6	-----	66.7	10.9	-----
Stroke	23	30.4	22.0	-----	43.5	28.1	-----	47.8	31.6	-----
Hip Fracture	0									
Sepsis	3	66.7	29.0	-----	66.7	38.2	-----	66.7	43.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	3.0	-----	0.0	5.4	-----	0.0	7.7	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.7	-----	0.0	1.8	-----	0.0	3.2	-----
Cholecystectomy	18	5.6	1.5	-----	5.6	2.6	-----	5.6	3.5	-----
Hysterectomy	2	0.0	0.8	-----	0.0	1.6	-----	0.0	2.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



SILOAM SPRINGS MEMORIAL HOSPITAL

Medicare Provider Number: 040001

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.6 years
Proportion female	63.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	50.2 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.5 %
Admitted for emergency	65.0 %

COMORBIDITIES:

Cancer	6.9 %
Chronic cardiovascular disease	29.0 %
Chronic liver disease	0.5 %
Chronic renal disease	2.8 %
Chronic pulmonary disease	9.7 %
Cerebrovascular degeneration	4.4 %
Diabetes mellitus	7.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	64.9%
State	5.7%
Outside State	29.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.4 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	73
Occupancy Rate	40.0 %
Ownership/Control	Local Government
Medicare Discharges	47.6 %
Case Mix Index (CMI)	1.0129

STAFFING:

Total Number of Physicians	20
Percent of Physicians Board Certified Specialists	65.0 %
Medical Residents/Interns	0
Registered Nurses	30
Licensed Practical Nurses	15

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

SOUTHWEST HOSPITAL

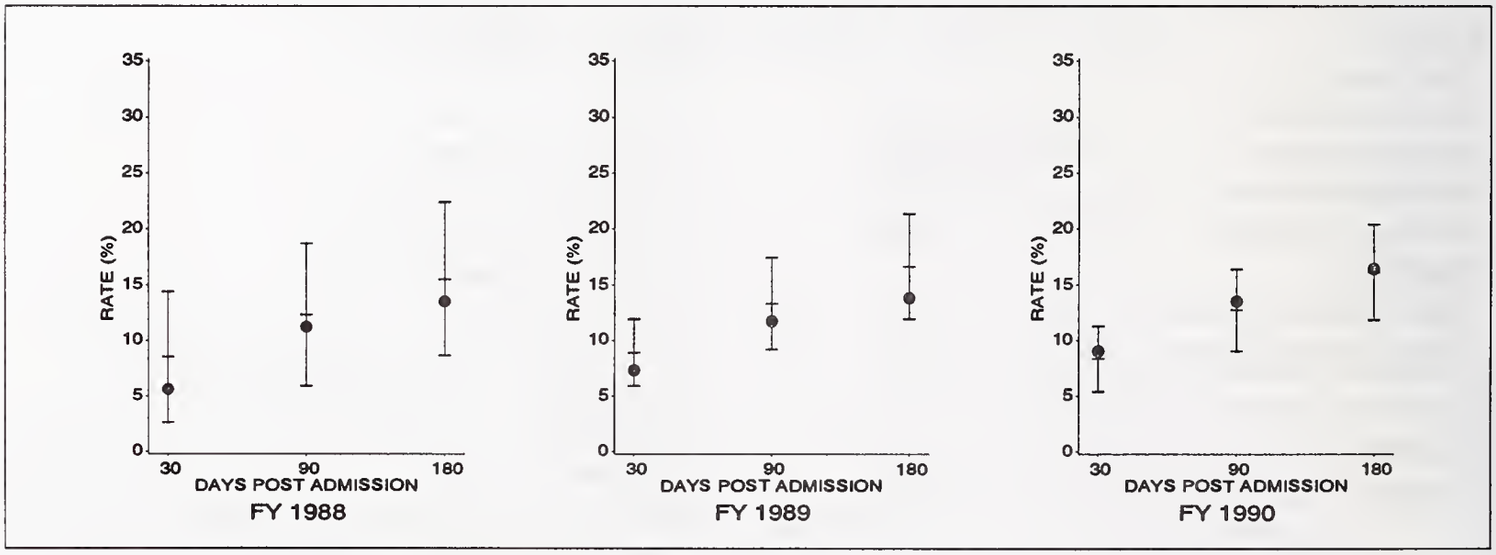
11401 INTERSTATE 30
LITTLE ROCK, AR 72209
Medicare Provider Number: 040021

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	489	9.0	8.3	1.5	13.5	12.7	1.8	16.4	16.1	2.2
CONDITIONS:										
Acute Myocardial Infarction	15	40.0	23.8	-----	40.0	27.2	-----	40.0	30.0	-----
Congestive Heart Failure	27	11.1	13.1	-----	22.2	21.1	-----	25.9	27.5	-----
Pneumonia/Influenza	21	28.6	15.3	-----	33.3	20.6	-----	38.1	24.4	-----
Chronic Obstructive Pulmonary Disease	4	0.0	6.0	-----	0.0	10.9	-----	25.0	15.7	-----
Transient Cerebral Ischemia	9	0.0	2.2	-----	0.0	4.7	-----	0.0	7.5	-----
Stroke	15	6.7	12.7	-----	13.3	16.6	-----	20.0	20.0	-----
Hip Fracture	9	11.1	4.0	-----	11.1	7.1	-----	11.1	9.5	-----
Sepsis	9	33.3	20.1	-----	44.4	28.9	-----	44.4	33.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.1	-----	0.0	2.4	-----	0.0	4.1	-----
Carotid Endarterectomy	2	0.0	1.0	-----	0.0	2.0	-----	0.0	3.0	-----
Hip Replacement/Reconstruction	7	0.0	2.6	-----	0.0	5.5	-----	0.0	8.5	-----
Open Reduction of Hip Fracture	7	14.3	3.5	-----	14.3	6.5	-----	14.3	8.7	-----
Prostatectomy	0									
Cholecystectomy	10	0.0	0.8	-----	0.0	1.4	-----	0.0	1.8	-----
Hysterectomy	2	0.0	0.1	-----	0.0	0.2	-----	0.0	0.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



SOUTHWEST HOSPITAL
Medicare Provider Number: 040021

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.4 years
Proportion female	57.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	66.5 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	47.0 %
Admitted for emergency	44.4 %

COMORBIDITIES:

Cancer	5.5 %
Chronic cardiovascular disease	33.1 %
Chronic liver disease	1.2 %
Chronic renal disease	1.4 %
Chronic pulmonary disease	12.7 %
Cerebrovascular degeneration	4.9 %
Diabetes mellitus	8.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	65.5%
State	32.3%
Outside State	2.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.4 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	125
Occupancy Rate	43.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	1.2209

STAFFING:

Total Number of Physicians	91
Percent of Physicians Board Certified Specialists	78.0 %
Medical Residents/Interns	0
Registered Nurses	65
Licensed Practical Nurses	30

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

SPARKS REGIONAL MEDICAL CENTER

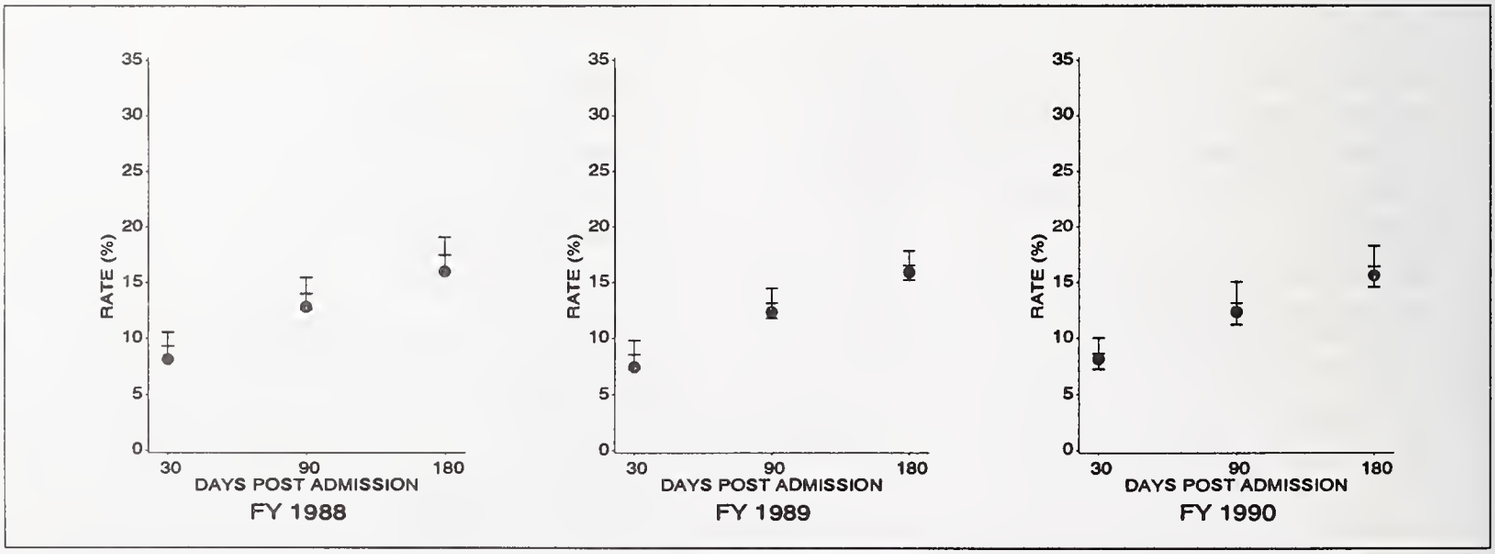
1311 S I ST
FORT SMITH, AR 72901
Medicare Provider Number: 040055

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	4160	8.1	8.6	0.7	12.3	13.1	1.0	15.6	16.4	0.9
CONDITIONS:										
Acute Myocardial Infarction	137	24.1	28.9	4.5	29.9	31.8	4.1	34.3	34.6	4.1
Congestive Heart Failure	215	18.6	14.9	4.5	26.0	23.4	3.9	29.8	29.2	3.7
Pneumonia/Influenza	195	15.4	16.5	2.9	22.1	22.7	3.2	24.1	26.8	3.9
Chronic Obstructive Pulmonary Disease	33	15.2	5.7	-----	18.2	11.0	-----	18.2	15.2	-----
Transient Cerebral Ischemia	52	0.0	1.5	2.3	1.9	3.4	2.8	1.9	5.5	4.5
Stroke	135	19.3	18.7	3.4	24.4	24.2	4.1	29.6	27.7	4.4
Hip Fracture	132	7.6	6.4	2.4	13.6	11.3	3.4	14.4	14.7	3.1
Sepsis	17	23.5	26.3	-----	35.3	35.5	-----	47.1	40.6	-----
PROCEDURES:										
Angioplasty	26	0.0	2.6	-----	0.0	3.7	-----	0.0	4.6	-----
Coronary Artery Bypass Graft	85	7.1	5.7	3.6	7.1	7.5	3.1	7.1	8.5	3.3
Initial Pacemaker Insertion	59	5.1	4.0	3.9	8.5	7.2	6.4	15.3	9.9	7.8
Carotid Endarterectomy	19	0.0	1.4	-----	0.0	2.8	-----	0.0	4.3	-----
Hip Replacement/Reconstruction	96	4.2	3.7	2.0	8.3	6.8	3.2	12.5	9.2	4.8
Open Reduction of Hip Fracture	60	8.3	5.7	4.4	13.3	10.3	4.7	13.3	13.5	4.4
Prostatectomy	217	0.0	1.1	1.0	0.5	2.4	1.7	0.9	4.1	2.5
Cholecystectomy	87	1.1	2.0	2.3	2.3	3.7	3.0	4.6	5.0	2.7
Hysterectomy	27	0.0	0.3	-----	0.0	0.6	-----	0.0	1.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



SPARKS REGIONAL MEDICAL CENTER

Medicare Provider Number: 040055

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	72.5 years
Proportion female	53.2 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	37.1 %
Transferred from skilled nursing facility	4.3 %
Admitted for elective procedure	16.2 %
Admitted for emergency	15.4 %

COMORBIDITIES:

Cancer	7.7 %
Chronic cardiovascular disease	36.6 %
Chronic liver disease	0.9 %
Chronic renal disease	3.9 %
Chronic pulmonary disease	10.0 %
Cerebrovascular degeneration	3.7 %
Diabetes mellitus	5.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	41.6%
State	22.6%
Outside State	35.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.1 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	474
Occupancy Rate	70.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	41.0 %
Case Mix Index (CMI)	1.2861

STAFFING:

Total Number of Physicians	204
Percent of Physicians Board Certified Specialists	85.8 %
Medical Residents/Interns	0
Registered Nurses	362
Licensed Practical Nurses	105

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

SPRINGDALE MEMORIAL HOSPITAL

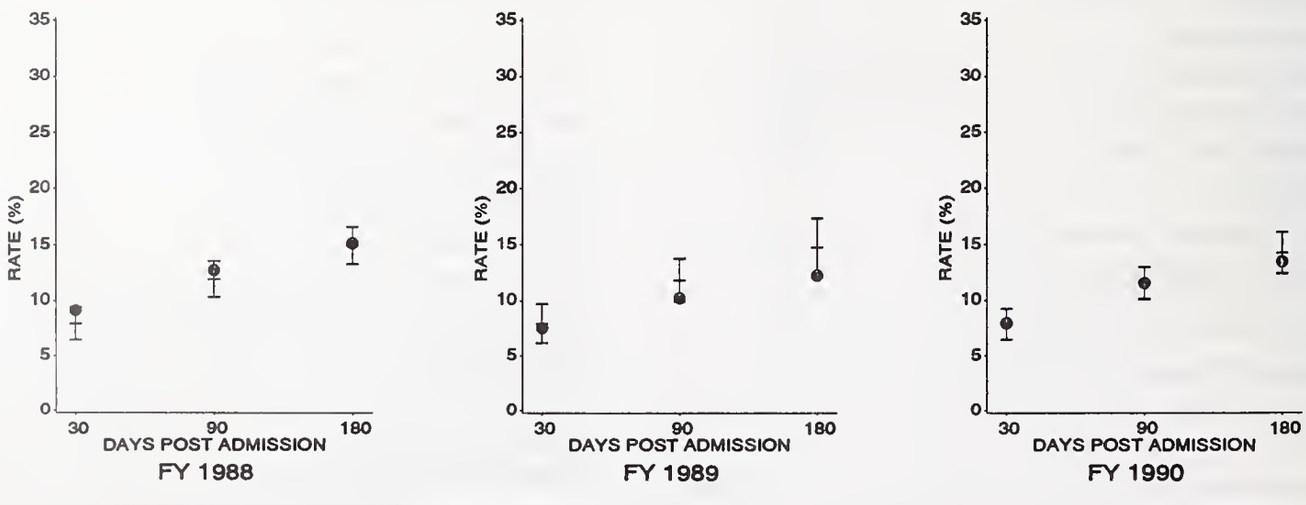
607 MAPLE ST
SPRINGDALE, AR 72764
Medicare Provider Number: 040022

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2022	7.9	7.8	0.7	11.5	11.5	0.7	13.4	14.2	0.9
CONDITIONS:										
Acute Myocardial Infarction	103	24.3	24.2	5.1	28.2	26.7	4.7	30.1	29.0	4.6
Congestive Heart Failure	57	14.0	12.9	4.7	24.6	20.5	6.5	33.3	26.6	8.8
Pneumonia/Influenza	88	10.2	13.7	4.5	15.9	19.0	5.3	18.2	22.5	5.3
Chronic Obstructive Pulmonary Disease	33	3.0	7.0	-----	6.1	12.6	-----	9.1	16.8	-----
Transient Cerebral Ischemia	28	0.0	1.7	-----	0.0	3.7	-----	3.6	6.0	-----
Stroke	62	29.0	21.6	6.7	37.1	27.5	6.7	37.1	31.2	6.7
Hip Fracture	42	9.5	5.6	-----	16.7	10.1	-----	16.7	13.2	-----
Sepsis	6	16.7	28.6	-----	16.7	38.8	-----	16.7	44.5	-----
PROCEDURES:										
Angioplasty	55	1.8	4.2	3.4	3.6	5.2	3.6	3.6	6.2	4.0
Coronary Artery Bypass Graft	106	5.7	6.4	2.5	7.5	8.8	3.1	7.5	9.7	3.4
Initial Pacemaker Insertion	32	3.1	3.3	-----	3.1	5.7	-----	6.3	7.9	-----
Carotid Endarterectomy	24	0.0	1.3	-----	0.0	2.3	-----	4.2	3.4	-----
Hip Replacement/Reconstruction	25	0.0	2.8	-----	8.0	5.3	-----	12.0	7.0	-----
Open Reduction of Hip Fracture	24	12.5	4.9	-----	16.7	9.1	-----	16.7	12.4	-----
Prostatectomy	50	0.0	1.1	-----	0.0	2.5	-----	2.0	4.1	-----
Cholecystectomy	41	9.8	3.2	-----	12.2	5.5	-----	12.2	6.9	-----
Hysterectomy	3	0.0	0.3	-----	0.0	0.5	-----	0.0	0.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



SPRINGDALE MEMORIAL HOSPITAL
Medicare Provider Number: 040022

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	72.4 years
Proportion female	51.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	56.3 %
Transferred from skilled nursing facility	1.3 %
Admitted for elective procedure	1.6 %
Admitted for emergency	4.5 %

COMORBIDITIES:

Cancer	4.6 %
Chronic cardiovascular disease	43.5 %
Chronic liver disease	0.3 %
Chronic renal disease	1.0 %
Chronic pulmonary disease	11.6 %
Cerebrovascular degeneration	3.9 %
Diabetes mellitus	5.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	52.5%
State	39.3%
Outside State	8.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.8 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	205
Occupancy Rate	56.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	44.7 %
Case Mix Index (CMI)	1.6199

STAFFING:

Total Number of Physicians	75
Percent of Physicians Board Certified Specialists	54.7 %
Medical Residents/Interns	0
Registered Nurses	172
Licensed Practical Nurses	37

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

ST BERNARDS REGIONAL MEDICAL CENTER

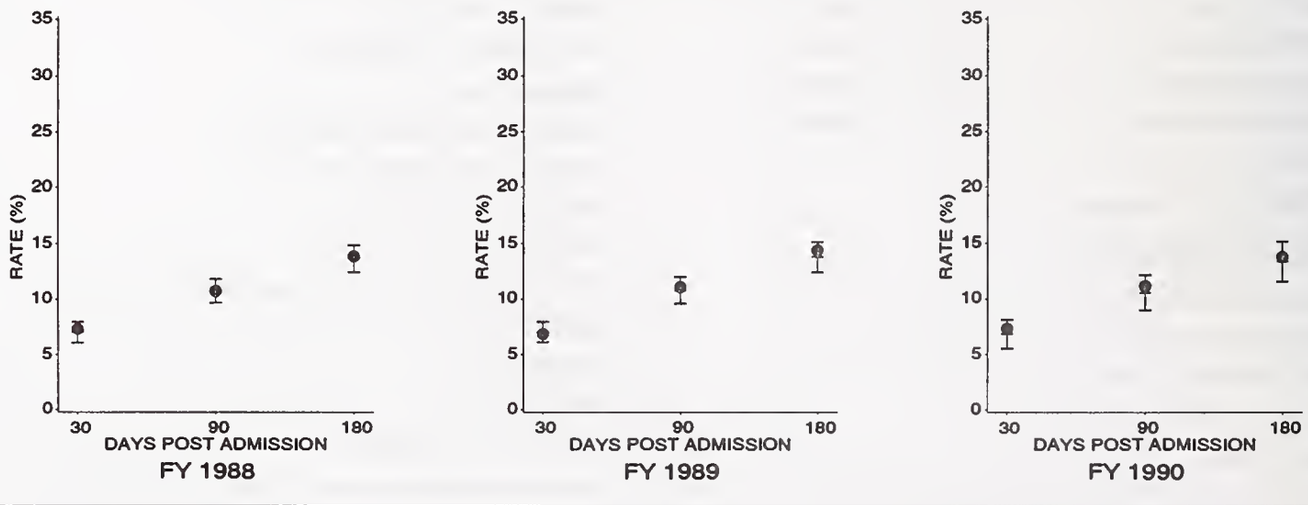
224 E MATTHEWS
JONESBORO, AR 72401
Medicare Provider Number: 040020

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	4016	7.3	6.8	0.7	11.1	10.5	0.8	13.7	13.3	0.9
CONDITIONS:										
Acute Myocardial Infarction	122	21.3	24.0	5.7	25.4	26.6	5.0	28.7	29.1	5.0
Congestive Heart Failure	132	12.1	12.5	3.1	20.5	20.2	3.6	22.7	26.2	4.8
Pneumonia/Influenza	162	17.9	16.1	3.1	24.7	22.1	3.7	26.5	26.0	3.7
Chronic Obstructive Pulmonary Disease	38	7.9	5.5	-----	13.2	10.3	-----	13.2	14.6	-----
Transient Cerebral Ischemia	62	0.0	1.3	2.2	1.6	3.0	3.4	3.2	5.0	5.0
Stroke	127	9.4	18.3	5.2	16.5	24.1	5.2	20.5	27.7	5.2
Hip Fracture	108	8.3	5.9	4.1	15.7	10.2	5.4	15.7	13.2	5.5
Sepsis	23	30.4	28.9	-----	39.1	36.4	-----	39.1	40.7	-----
PROCEDURES:										
Angioplasty	171	4.1	3.6	1.7	5.3	4.4	1.9	5.8	5.3	1.9
Coronary Artery Bypass Graft	167	8.4	4.8	3.9	9.6	6.6	4.0	10.2	7.4	3.8
Initial Pacemaker Insertion	28	0.0	2.1	-----	3.6	4.2	-----	3.6	6.3	-----
Carotid Endarterectomy	36	0.0	1.0	-----	0.0	2.0	-----	2.8	2.9	-----
Hip Replacement/Reconstruction	80	0.0	2.3	2.6	3.7	4.2	3.4	3.7	5.6	3.7
Open Reduction of Hip Fracture	56	8.9	4.9	6.4	14.3	8.9	7.5	14.3	12.0	7.4
Prostatectomy	181	0.6	0.7	0.8	3.9	1.5	1.4	4.4	2.6	2.1
Cholecystectomy	56	1.8	2.2	2.0	1.8	3.9	3.1	3.6	5.2	4.0
Hysterectomy	31	0.0	0.5	-----	0.0	1.1	-----	0.0	1.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST BERNARDS REGIONAL MEDICAL CENTER

Medicare Provider Number: 040020

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.0 years
Proportion female	52.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	46.0 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	40.0 %
Admitted for emergency	36.3 %

COMORBIDITIES:

Cancer	6.7 %
Chronic cardiovascular disease	31.5 %
Chronic liver disease	0.3 %
Chronic renal disease	0.9 %
Chronic pulmonary disease	10.1 %
Cerebrovascular degeneration	2.3 %
Diabetes mellitus	3.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	36.5%
State	58.0%
Outside State	5.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.5 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	314
Occupancy Rate	88.0 %
Ownership/Control	Church
Medicare Discharges	43.1 %
Case Mix Index (CMI)	1.4371

STAFFING:

Total Number of Physicians	143
Percent of Physicians Board Certified Specialists	76.2 %
Medical Residents/Interns	0
Registered Nurses	243
Licensed Practical Nurses	158

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

ST EDWARD MERCY MEDICAL CENTER

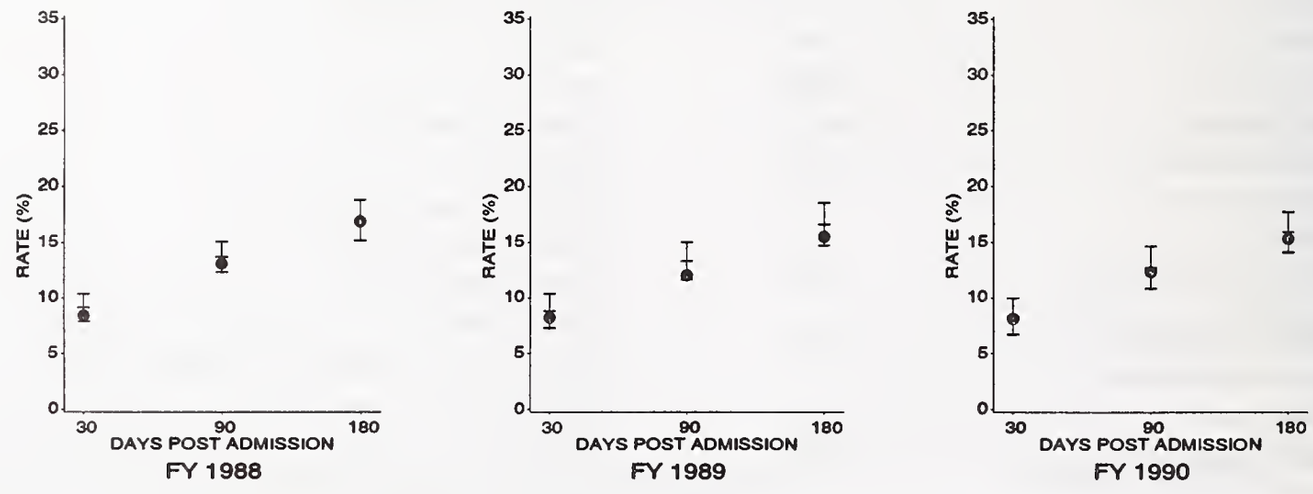
7301 ROGERS AVE
FORT SMITH, AR 72903
Medicare Provider Number: 040062

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	3411	8.1	8.3	0.8	12.3	12.7	1.0	15.3	15.9	0.9
CONDITIONS:										
Acute Myocardial Infarction	126	27.0	26.7	4.0	30.2	29.5	4.1	31.0	32.1	4.3
Congestive Heart Failure	140	14.3	14.3	3.7	22.9	22.8	3.7	29.3	29.0	4.3
Pneumonia/influenza	118	11.0	12.7	3.6	16.9	17.5	4.0	17.8	20.9	4.5
Chronic Obstructive Pulmonary Disease	38	10.5	8.8	-----	18.4	14.9	-----	26.3	19.3	-----
Transient Cerebral Ischemia	54	0.0	1.6	2.2	1.9	3.8	3.0	1.9	6.2	4.7
Stroke	115	18.3	16.3	4.8	23.5	22.5	4.4	28.7	26.1	4.6
Hip Fracture	130	2.3	6.0	3.2	6.9	10.7	4.3	9.2	14.1	4.7
Sepsis	21	33.3	37.0	-----	42.9	46.5	-----	42.9	51.7	-----
PROCEDURES:										
Angioplasty	26	3.8	2.6	-----	3.8	3.4	-----	3.8	4.3	-----
Coronary Artery Bypass Graft	37	8.1	5.1	-----	8.1	7.4	-----	8.1	8.3	-----
Initial Pacemaker Insertion	32	0.0	3.0	-----	9.4	5.8	-----	12.5	8.6	-----
Carotid Endarterectomy	31	0.0	1.3	-----	3.2	2.4	-----	3.2	3.5	-----
Hip Replacement/Reconstruction	83	2.4	3.7	2.5	6.0	6.8	3.0	7.2	9.0	3.7
Open Reduction of Hip Fracture	66	1.5	5.8	4.5	6.1	10.7	6.5	9.1	14.4	7.2
Prostatectomy	160	0.0	1.3	1.4	1.2	2.9	1.9	2.5	4.8	2.6
Cholecystectomy	97	4.1	2.8	3.4	7.2	5.4	4.3	10.3	7.5	4.7
Hysterectomy	39	2.6	0.5	-----	5.1	1.1	-----	5.1	1.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST EDWARD MERCY MEDICAL CENTER

Medicare Provider Number: 040062

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.3 years
Proportion female	55.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	54.1 %
Transferred from skilled nursing facility	1.7 %
Admitted for elective procedure	0.8 %
Admitted for emergency	18.9 %

COMORBIDITIES:

Cancer	7.6 %
Chronic cardiovascular disease	32.5 %
Chronic liver disease	1.2 %
Chronic renal disease	2.1 %
Chronic pulmonary disease	9.6 %
Cerebrovascular degeneration	4.5 %
Diabetes mellitus	7.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	46.2%
State	34.8%
Outside State	19.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.3 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	343
Occupancy Rate	70.0 %
Ownership/Control	Church
Medicare Discharges	41.4 %
Case Mix Index (CMI)	1.3005

STAFFING:

Total Number of Physicians	211
Percent of Physicians Board Certified Specialists	79.6 %
Medical Residents/Interns	0
Registered Nurses	214
Licensed Practical Nurses	161

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

ST JOSEPHS REGIONAL HEALTH CENTER

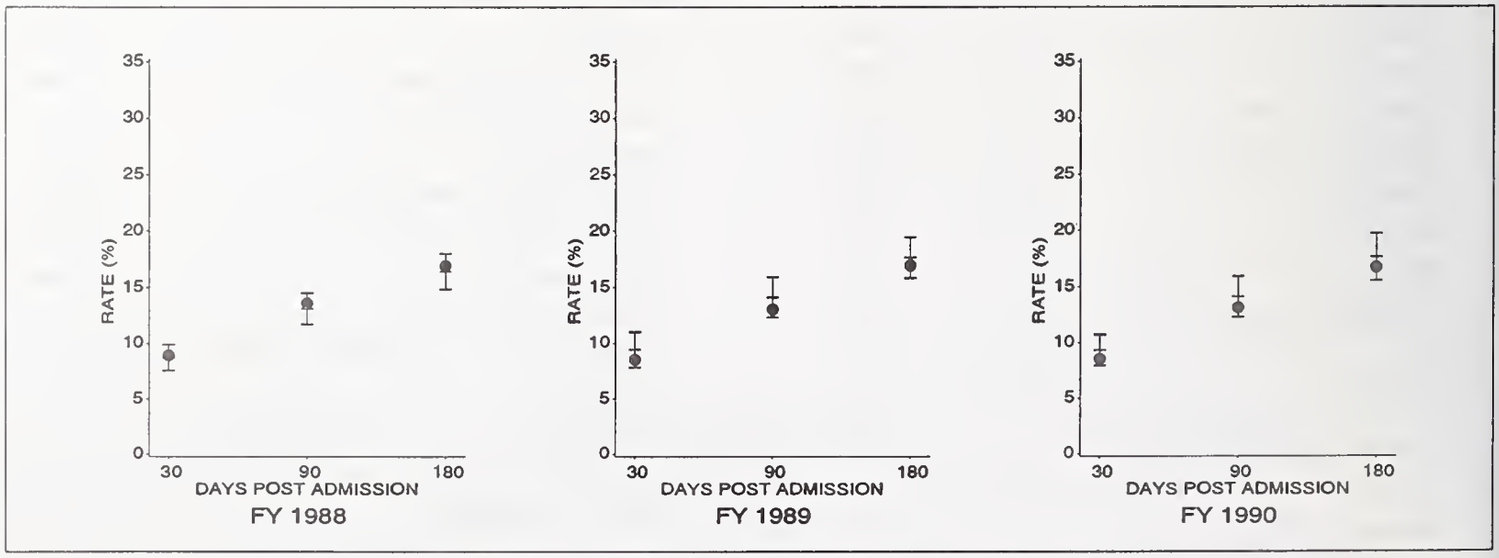
100 WHITTINGTON
HOT SPRINGS, AR 71901
Medicare Provider Number: 040026

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	3270	8.5	9.3	0.7	13.1	14.1	0.9	16.7	17.6	1.1
CONDITIONS:										
Acute Myocardial Infarction	97	25.8	25.1	4.5	28.9	28.3	4.8	30.9	31.1	5.1
Congestive Heart Failure	118	17.8	15.0	4.4	23.7	23.5	3.9	31.4	29.7	4.5
Pneumonia/Influenza	149	13.4	16.8	5.4	20.1	22.7	6.3	23.5	26.5	6.0
Chronic Obstructive Pulmonary Disease	46	2.2	14.1	-----	6.5	22.2	-----	15.2	27.6	-----
Transient Cerebral Ischemia	71	0.0	1.7	-----	0.0	3.7	-----	0.0	6.0	-----
Stroke	98	27.6	22.5	5.8	37.8	29.3	7.9	41.8	32.9	8.6
Hip Fracture	90	5.6	7.6	3.5	8.9	13.1	6.2	14.4	16.7	7.6
Sepsis	48	37.5	24.6	-----	39.6	32.8	-----	47.9	37.4	-----
PROCEDURES:										
Angioplasty	77	1.3	3.1	3.3	2.6	3.9	3.7	3.9	4.8	4.1
Coronary Artery Bypass Graft	62	1.6	6.0	3.8	6.5	8.6	4.2	8.1	9.6	4.1
Initial Pacemaker Insertion	63	0.0	2.6	3.4	1.6	5.3	5.2	4.8	7.9	6.5
Carotid Endarterectomy	31	0.0	1.8	-----	9.7	3.4	-----	9.7	4.9	-----
Hip Replacement/Reconstruction	49	4.1	4.3	-----	10.2	7.6	-----	10.2	9.8	-----
Open Reduction of Hip Fracture	80	5.0	6.3	2.9	8.7	11.4	4.6	15.0	14.9	6.3
Prostatectomy	116	0.0	0.7	1.3	1.7	1.8	1.3	3.4	3.1	1.7
Cholecystectomy	49	4.1	4.2	-----	4.1	7.6	-----	6.1	9.9	-----
Hysterectomy	9	0.0	0.3	-----	0.0	0.7	-----	0.0	1.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST JOSEPHS REGIONAL HEALTH CENTER

Medicare Provider Number: 040026

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.7 years
Proportion female	52.2 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	50.7 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	23.8 %
Admitted for emergency	46.3 %

COMORBIDITIES:

Cancer	10.0 %
Chronic cardiovascular disease	42.6 %
Chronic liver disease	0.6 %
Chronic renal disease	0.8 %
Chronic pulmonary disease	15.1 %
Cerebrovascular degeneration	2.3 %
Diabetes mellitus	5.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	76.2%
State	20.5%
Outside State	3.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.9 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	214
Occupancy Rate	84.0 %
Ownership/Control	Church
Medicare Discharges	63.7 %
Case Mix Index (CMI)	1.3489

STAFFING:

Total Number of Physicians	121
Percent of Physicians Board Certified Specialists	77.7 %
Medical Residents/Interns	0
Registered Nurses	180
Licensed Practical Nurses	133

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

ST MARY ROGERS MEMORIAL HOSPITAL

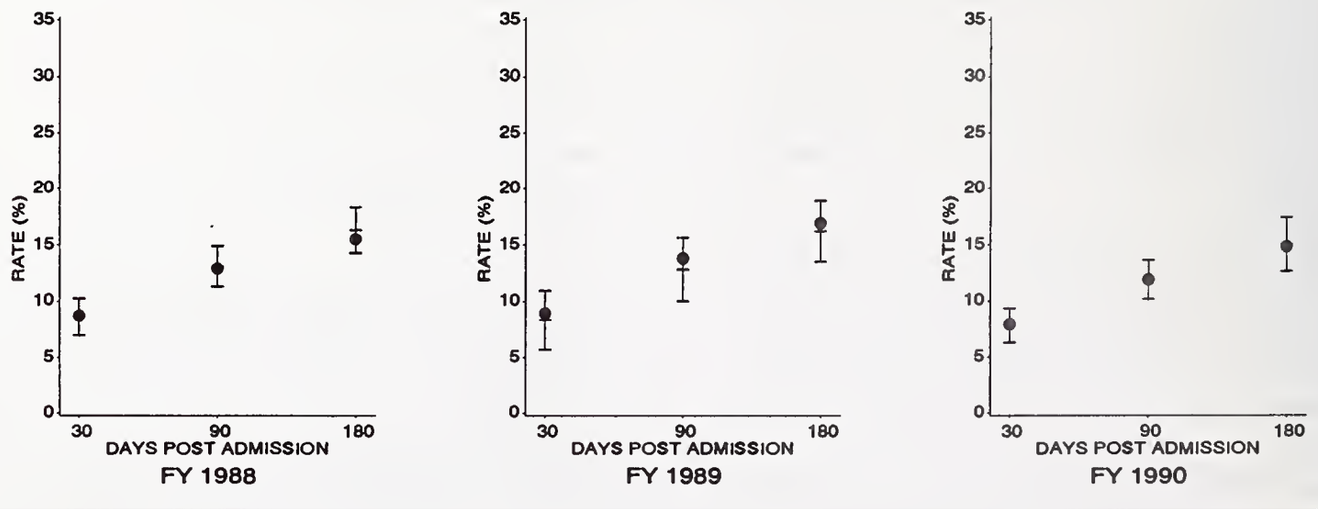
12TH W WALNUT STS
ROGERS, AR 72756
Medicare Provider Number: 040010

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1665	7.9	7.8	0.8	11.9	11.9	0.9	14.8	15.0	1.2
CONDITIONS:										
Acute Myocardial Infarction	36	27.8	25.9	-----	33.3	28.5	-----	33.3	30.9	-----
Congestive Heart Failure	76	9.2	13.5	4.8	21.1	21.4	4.8	27.6	27.3	6.8
Pneumonia/Influenza	81	8.6	13.0	5.8	14.8	17.9	5.0	23.5	21.4	5.0
Chronic Obstructive Pulmonary Disease	24	8.3	5.8	-----	12.5	11.1	-----	12.5	15.5	-----
Transient Cerebral Ischemia	29	0.0	1.0	-----	0.0	2.4	-----	0.0	4.2	-----
Stroke	48	27.1	18.2	-----	29.2	23.6	-----	29.2	27.1	-----
Hip Fracture	60	5.0	5.8	4.4	10.0	10.6	4.4	15.0	14.0	4.8
Sepsis	7	14.3	14.3	-----	42.9	19.0	-----	42.9	21.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	6.3	3.1	-----	25.0	6.3	-----	31.3	9.1	-----
Carotid Endarterectomy	4	0.0	0.9	-----	0.0	1.8	-----	0.0	2.8	-----
Hip Replacement/Reconstruction	54	0.0	2.9	3.4	1.9	5.7	5.1	9.3	8.0	4.2
Open Reduction of Hip Fracture	28	7.1	5.0	-----	7.1	9.4	-----	14.3	12.8	-----
Prostatectomy	73	2.7	0.8	1.9	2.7	2.0	3.1	4.1	3.5	4.8
Cholecystectomy	29	0.0	1.8	-----	0.0	3.0	-----	0.0	3.8	-----
Hysterectomy	19	0.0	1.2	-----	0.0	2.6	-----	0.0	4.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST MARY ROGERS MEMORIAL HOSPITAL

Medicare Provider Number: 040010

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.5 years
Proportion female	52.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	40.1 %
Transferred from skilled nursing facility	0.2 %
Admitted for elective procedure	18.7 %
Admitted for emergency	15.4 %

COMORBIDITIES:

Cancer	7.9 %
Chronic cardiovascular disease	27.7 %
Chronic liver disease	0.7 %
Chronic renal disease	1.1 %
Chronic pulmonary disease	11.2 %
Cerebrovascular degeneration	4.8 %
Diabetes mellitus	3.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	85.2%
State	5.9%
Outside State	8.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.1 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	148
Occupancy Rate	60.0 %
Ownership/Control	Church
Medicare Discharges	43.5 %
Case Mix index (CMI)	1.1228

STAFFING:

Total Number of Physicians	64
Percent of Physicians Board Certified Specialists	70.3 %
Medical Residents/interns	0
Registered Nurses	127
Licensed Practical Nurses	15

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

ST MARYS REGIONAL MEDICAL CENTER

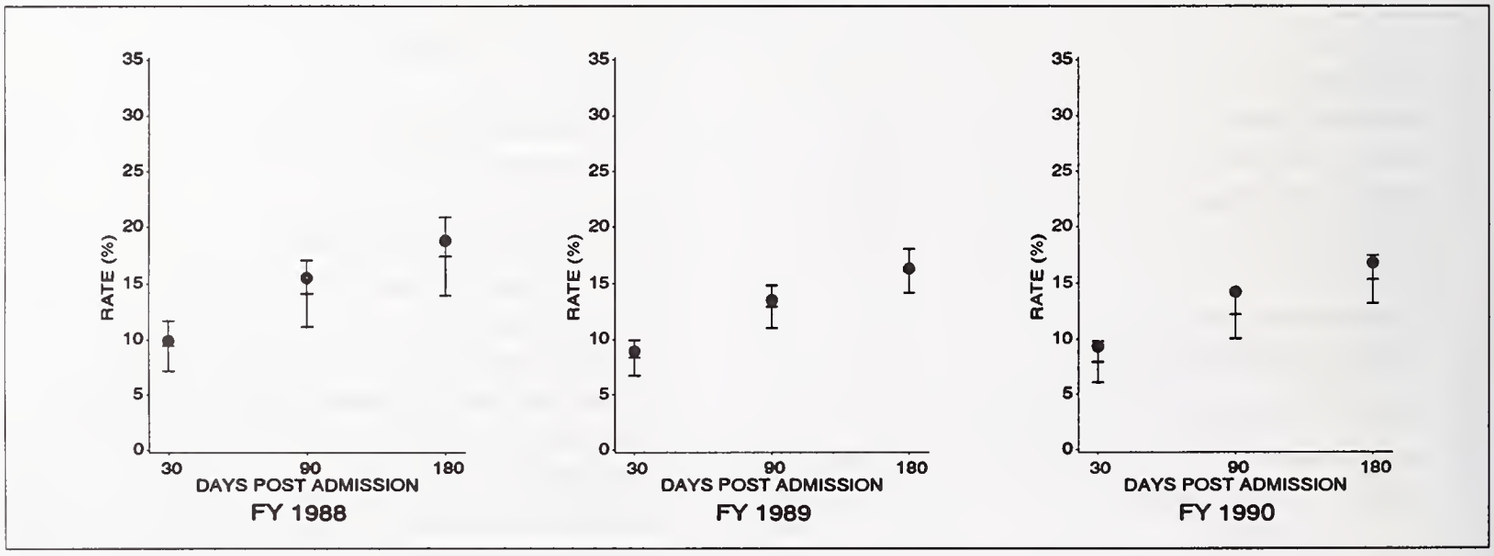
1808 W MAIN
RUSSELLVILLE, AR 72801
Medicare Provider Number: 040041

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1474	9.3	7.9	0.9	14.2	12.2	1.1	16.8	15.3	1.1
CONDITIONS:										
Acute Myocardial Infarction	52	23.1	25.2	7.8	25.0	28.2	7.6	32.7	31.0	7.8
Congestive Heart Failure	68	14.7	13.3	4.7	20.6	21.7	5.2	26.5	27.7	5.6
Pneumonia/Influenza	104	22.1	16.1	5.2	31.7	22.4	6.8	34.6	26.2	6.6
Chronic Obstructive Pulmonary Disease	28	3.6	6.1	-----	14.3	10.7	-----	21.4	14.4	-----
Transient Cerebral Ischemia	19	0.0	1.2	-----	5.3	2.7	-----	5.3	4.4	-----
Stroke	51	23.5	16.0	8.9	27.5	22.4	9.1	31.4	26.0	8.0
Hip Fracture	65	7.7	5.1	5.0	12.3	9.5	4.4	13.8	12.7	4.4
Sepsis	17	23.5	25.3	-----	23.5	33.8	-----	29.4	38.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	0.0	3.3	-----	0.0	6.2	-----	0.0	8.7	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	34	17.6	4.6	-----	23.5	8.7	-----	23.5	11.7	-----
Open Reduction of Hip Fracture	40	5.0	3.9	-----	7.5	7.5	-----	10.0	10.5	-----
Prostatectomy	45	2.2	1.3	-----	4.4	3.2	-----	6.7	5.4	-----
Cholecystectomy	57	0.0	1.7	2.4	1.8	3.2	3.3	1.8	4.4	3.5
Hysterectomy	20	0.0	0.4	-----	0.0	0.9	-----	0.0	1.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST MARYS REGIONAL MEDICAL CENTER

Medicare Provider Number: 040041

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.8 years
Proportion female	59.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	49.3 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.1 %
Admitted for emergency	9.5 %

COMORBIDITIES:

Cancer	7.5 %
Chronic cardiovascular disease	24.6 %
Chronic liver disease	0.3 %
Chronic renal disease	1.9 %
Chronic pulmonary disease	10.4 %
Cerebrovascular degeneration	1.5 %
Diabetes mellitus	6.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	69.3%
State	28.2%
Outside State	2.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.0 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	122
Occupancy Rate	71.0 %
Ownership/Control	Private, For Profit
Medicare Discharges	38.2 %
Case Mix Index (CMI)	1.1532

STAFFING:

Total Number of Physicians	62
Percent of Physicians Board Certified Specialists	79.0 %
Medical Residents/Interns	0
Registered Nurses	55
Licensed Practical Nurses	58

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

ST MICHAEL HOSPITAL

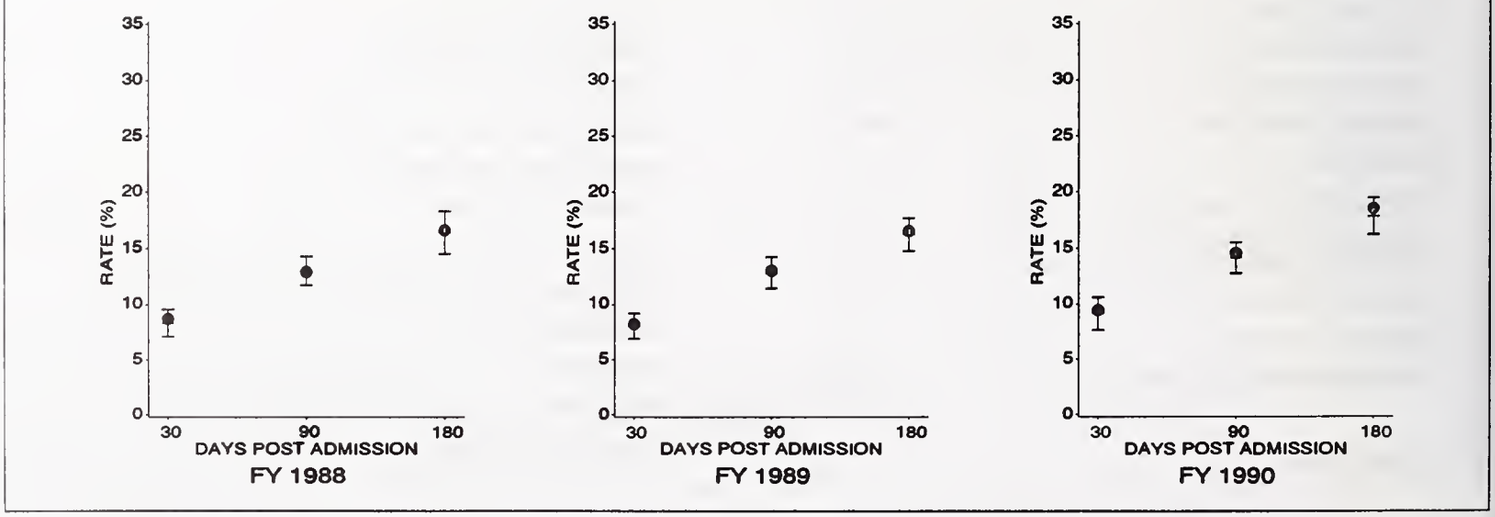
315 E 5TH ST
TEXARKANA, AR 75501
Medicare Provider Number: 040063

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	2858	9.4	9.1	0.7	14.5	14.1	0.7	18.5	17.8	0.8
CONDITIONS:										
Acute Myocardial Infarction	67	43.3	26.7	8.8	43.3	29.3	8.0	43.3	31.9	7.4
Congestive Heart Failure	140	11.4	14.4	3.7	22.9	23.3	3.7	32.9	29.7	4.4
Pneumonia/Influenza	165	15.2	16.1	3.7	22.4	22.0	3.3	26.1	26.0	3.6
Chronic Obstructive Pulmonary Disease	50	4.0	6.6	-----	4.0	11.9	-----	12.0	16.3	-----
Transient Cerebral Ischemia	41	0.0	1.6	-----	4.9	3.7	-----	7.3	5.9	-----
Stroke	87	27.6	20.2	7.4	34.5	26.3	7.3	39.1	29.9	7.8
Hip Fracture	78	7.7	5.7	4.1	14.1	10.0	6.6	16.7	13.1	7.3
Sepsis	43	16.3	22.6	-----	20.9	30.2	-----	25.6	34.8	-----
PROCEDURES:										
Angioplasty	6	0.0	4.5	-----	0.0	5.2	-----	0.0	6.1	-----
Coronary Artery Bypass Graft	44	6.8	6.7	-----	13.6	8.8	-----	13.6	9.7	-----
Initial Pacemaker Insertion	22	0.0	4.3	-----	0.0	7.2	-----	0.0	9.8	-----
Carotid Endarterectomy	35	5.7	1.4	-----	8.6	2.7	-----	20.0	4.0	-----
Hip Replacement/Reconstruction	56	7.1	3.3	4.1	10.7	6.0	4.8	10.7	8.0	5.0
Open Reduction of Hip Fracture	44	6.8	5.3	-----	11.4	9.7	-----	13.6	12.9	-----
Prostatectomy	84	0.0	1.3	1.8	1.2	3.0	2.6	2.4	5.0	3.6
Cholecystectomy	57	7.0	3.0	4.1	10.5	5.4	5.2	10.5	7.1	4.9
Hysterectomy	3	0.0	0.1	-----	0.0	0.1	-----	0.0	0.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST MICHAEL HOSPITAL
Medicare Provider Number: 040063

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.2 years
Proportion female	54.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	41.9 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	0.8 %
Admitted for emergency	49.4 %

COMORBIDITIES:

Cancer	7.2 %
Chronic cardiovascular disease	34.4 %
Chronic liver disease	0.7 %
Chronic renal disease	4.8 %
Chronic pulmonary disease	16.8 %
Cerebrovascular degeneration	3.1 %
Diabetes mellitus	7.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	26.1%
State	27.6%
Outside State	46.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.8 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	243
Occupancy Rate	86.0 %
Ownership/Control	Church
Medicare Discharges	60.0 %
Case Mix Index (CMI)	1.3827

STAFFING:

Total Number of Physicians	143
Percent of Physicians Board Certified Specialists	80.4 %
Medical Residents/Interns	0
Registered Nurses	193
Licensed Practical Nurses	128

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

ST VINCENT INFIRMARY MEDICAL CENTER

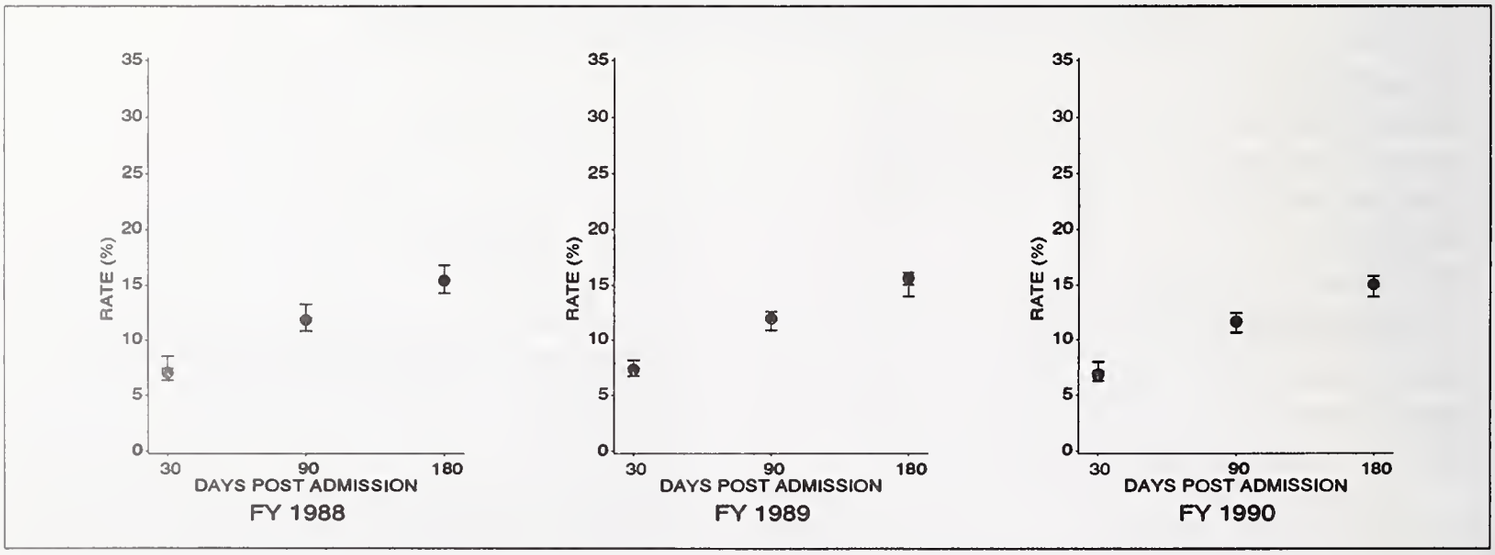
TWO ST VINCENT CIRCLE
LITTLE ROCK, AR 72205
Medicare Provider Number: 040007

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	6240	6.8	7.1	0.4	11.6	11.5	0.5	15.0	14.8	0.5
CONDITIONS:										
Acute Myocardial Infarction	120	29.2	24.1	4.6	31.7	26.9	4.5	31.7	29.5	4.3
Congestive Heart Failure	190	11.1	12.4	2.6	23.7	19.9	3.5	31.1	25.9	4.2
Pneumonia/Influenza	129	12.4	15.5	4.1	19.4	21.6	4.6	23.3	25.5	5.0
Chronic Obstructive Pulmonary Disease	37	8.1	8.4	-----	16.2	14.8	-----	27.0	19.6	-----
Transient Cerebral Ischemia	79	1.3	2.4	1.9	3.8	4.7	3.0	3.8	6.7	3.3
Stroke	154	17.5	21.5	4.2	26.0	28.0	3.8	31.2	31.8	3.8
Hip Fracture	136	4.4	6.3	2.7	11.0	11.3	3.5	14.0	14.7	3.2
Sepsis	51	27.5	24.4	6.1	41.2	34.2	8.5	56.9	39.4	9.1
PROCEDURES:										
Angioplasty	102	3.9	2.0	2.1	4.9	2.7	2.2	4.9	3.4	2.1
Coronary Artery Bypass Graft	288	3.8	4.7	1.8	6.6	6.5	2.1	6.6	7.4	2.0
Initial Pacemaker Insertion	68	1.5	2.6	2.5	4.4	5.1	3.9	5.9	7.4	4.7
Carotid Endarterectomy	51	2.0	1.4	1.9	2.0	2.7	2.4	2.0	4.0	3.3
Hip Replacement/Reconstruction	159	1.9	2.4	1.4	4.4	4.6	1.7	5.7	6.4	2.1
Open Reduction of Hip Fracture	68	4.4	6.0	3.2	11.8	11.1	4.3	14.7	14.7	4.3
Prostatectomy	207	0.5	0.9	0.7	1.0	2.1	1.4	2.4	3.5	1.7
Cholecystectomy	131	5.3	2.3	2.8	6.9	4.2	3.2	8.4	5.7	3.7
Hysterectomy	60	0.0	0.7	1.2	0.0	1.6	1.9	0.0	2.4	2.5

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST VINCENT INFIRMARY MEDICAL CENTER

Medicare Provider Number: 040007

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.0 years
Proportion female	57.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	62.4 %
Transferred from skilled nursing facility	0.6 %
Admitted for elective procedure	43.9 %
Admitted for emergency	36.0 %

COMORBIDITIES:

Cancer	10.4 %
Chronic cardiovascular disease	30.6 %
Chronic liver disease	0.6 %
Chronic renal disease	2.5 %
Chronic pulmonary disease	8.8 %
Cerebrovascular degeneration	2.8 %
Diabetes mellitus	6.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	50.4%
State	48.0%
Outside State	1.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.6 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	611
Occupancy Rate	81.0 %
Ownership/Control	Church
Medicare Discharges	48.6 %
Case Mix Index (CMI)	1.4926

STAFFING:

Total Number of Physicians	380
Percent of Physicians Board Certified Specialists	91.8 %
Medical Residents/Interns	8
Registered Nurses	598
Licensed Practical Nurses	277

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

STONE COUNTY MEDICAL CENTER

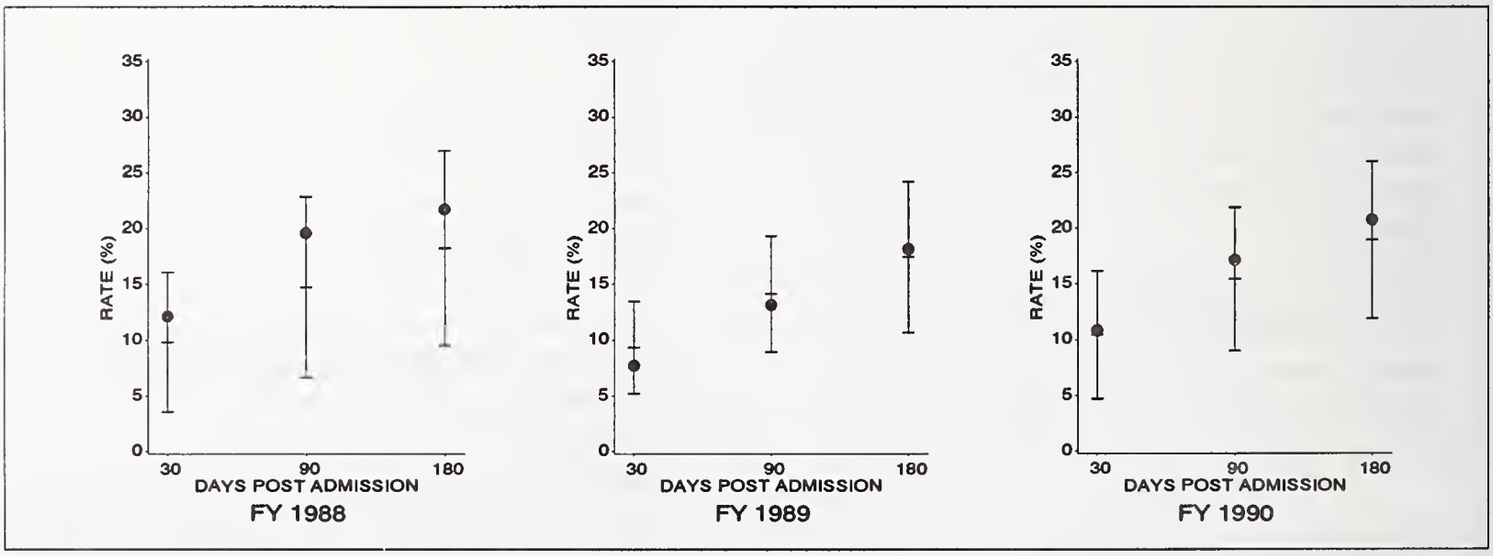
HWY 14 EAST BOX 510
MOUNTAIN VIEW, AR 72560
Medicare Provider Number: 040044

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	222	10.8	10.4	2.9	17.1	15.4	3.2	20.7	18.9	3.5
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	28.2	-----	44.4	30.9	-----	44.4	33.1	-----
Congestive Heart Failure	8	12.5	14.1	-----	37.5	22.9	-----	37.5	29.0	-----
Pneumonia/Influenza	19	10.5	11.6	-----	10.5	15.9	-----	15.8	18.9	-----
Chronic Obstructive Pulmonary Disease	4	0.0	8.9	-----	0.0	14.3	-----	0.0	18.0	-----
Transient Cerebral Ischemia	7	0.0	2.3	-----	14.3	5.6	-----	28.6	8.9	-----
Stroke	10	10.0	17.4	-----	30.0	24.9	-----	30.0	29.1	-----
Hip Fracture	2	0.0	5.2	-----	50.0	9.2	-----	50.0	12.5	-----
Sepsis	2	0.0	47.1	-----	0.0	56.5	-----	0.0	62.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.4	-----	0.0	0.7	-----	0.0	1.1	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



STONE COUNTY MEDICAL CENTER
Medicare Provider Number: 040044

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.1 years
Proportion female	56.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	39.2 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.9 %
Admitted for emergency	0.0 %

COMORBIDITIES:

Cancer	4.1 %
Chronic cardiovascular disease	26.6 %
Chronic liver disease	0.5 %
Chronic renal disease	0.5 %
Chronic pulmonary disease	16.7 %
Cerebrovascular degeneration	3.6 %
Diabetes mellitus	7.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	80.2%
State	16.5%
Outside State	3.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.2 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	48
Occupancy Rate	22.0 %
Ownership/Control	Private, For Profit
Medicare Discharges	49.1 %
Case Mix Index (CMI)	0.9342

STAFFING:

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	83.3 %
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

STUTTGART MEMORIAL HOSPITAL

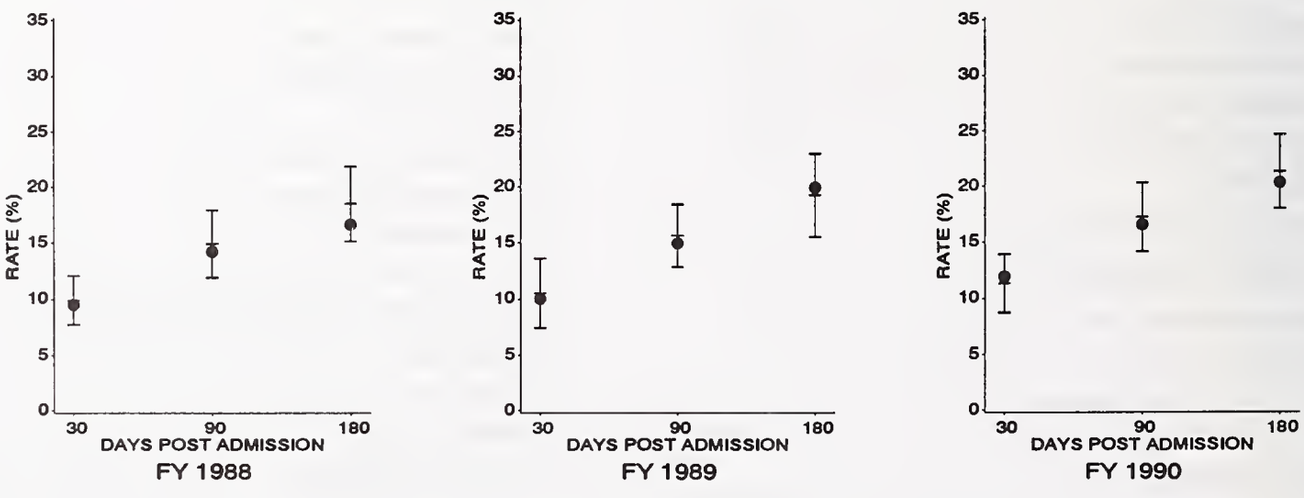
RT 1 BOX 21C
STUTTGART, AR 72160
Medicare Provider Number: 040072

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	733	11.9	11.3	1.3	16.5	17.2	1.5	20.3	21.3	1.7
CONDITIONS:										
Acute Myocardial Infarction	20	30.0	29.7	-----	35.0	33.1	-----	40.0	36.5	-----
Congestive Heart Failure	73	20.5	18.7	5.1	26.0	29.4	6.0	32.9	36.7	7.3
Pneumonia/Influenza	49	22.4	15.8	-----	28.6	22.3	-----	28.6	26.5	-----
Chronic Obstructive Pulmonary Disease	20	5.0	5.5	-----	10.0	10.3	-----	15.0	14.6	-----
Transient Cerebral Ischemia	19	0.0	1.8	-----	0.0	4.2	-----	0.0	6.8	-----
Stroke	34	35.3	24.8	-----	47.1	31.2	-----	47.1	35.1	-----
Hip Fracture	11	0.0	7.7	-----	9.1	13.9	-----	27.3	17.8	-----
Sepsis	5	20.0	19.8	-----	20.0	26.3	-----	20.0	30.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	11.4	-----	0.0	21.0	-----	25.0	27.2	-----
Open Reduction of Hip Fracture	7	0.0	4.3	-----	14.3	8.3	-----	28.6	11.1	-----
Prostatectomy	5	0.0	1.2	-----	20.0	3.0	-----	20.0	5.4	-----
Cholecystectomy	5	0.0	1.1	-----	0.0	2.2	-----	0.0	3.1	-----
Hysterectomy	1	0.0	0.2	-----	0.0	0.6	-----	0.0	1.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



STUTTGART MEMORIAL HOSPITAL
Medicare Provider Number: 040072

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.8 years
Proportion female	59.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	26.3 %
Transferred from skilled nursing facility	5.5 %
Admitted for elective procedure	3.5 %
Admitted for emergency	9.4 %

COMORBIDITIES:

Cancer	6.8 %
Chronic cardiovascular disease	30.0 %
Chronic liver disease	0.5 %
Chronic renal disease	2.7 %
Chronic pulmonary disease	12.6 %
Cerebrovascular degeneration	5.9 %
Diabetes mellitus	7.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	58.2%
State	40.7%
Outside State	1.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.4 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	99
Occupancy Rate	33.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	50.2 %
Case Mix Index (CMI)	1.0647

STAFFING:

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

THE UNIVERSITY HOSPITAL OF ARKANSAS

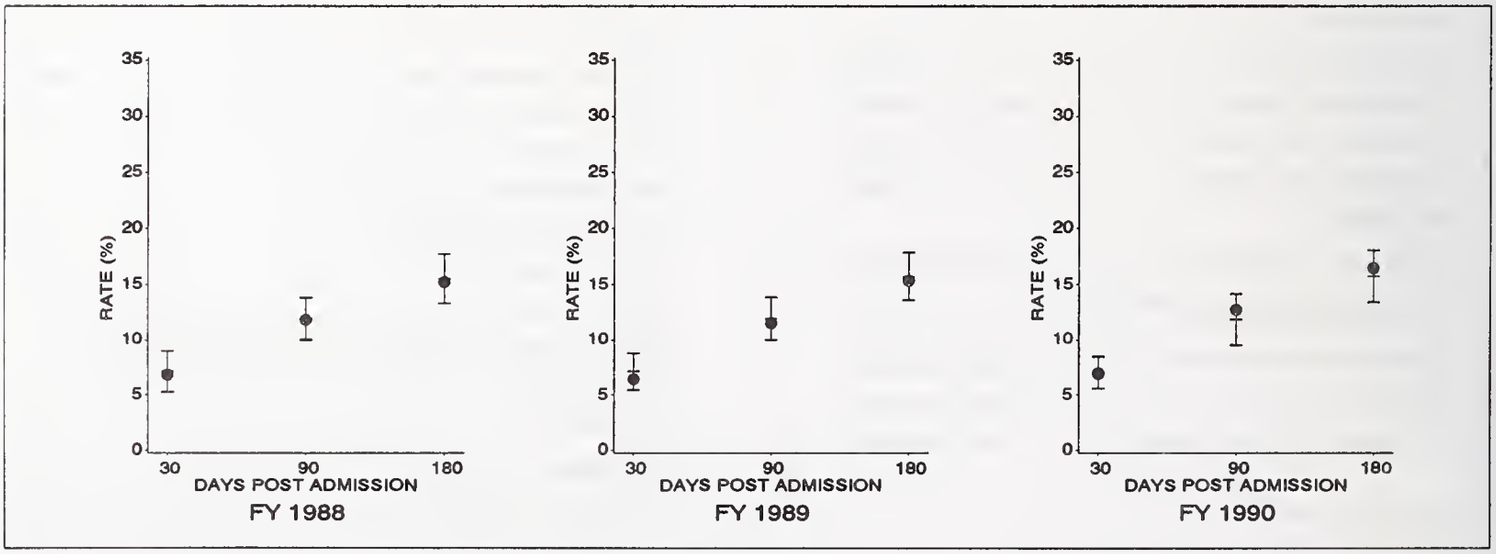
4301 W MARKHAM
LITTLE ROCK, AR 72205
Medicare Provider Number: 040016

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1269	6.9	7.0	0.7	12.7	11.8	1.2	16.4	15.7	1.2
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	14.8	-----	50.0	16.9	-----	50.0	18.6	-----
Congestive Heart Failure	34	20.6	12.6	-----	29.4	20.8	-----	29.4	26.4	-----
Pneumonia/Influenza	14	0.0	12.9	-----	14.3	17.2	-----	21.4	20.3	-----
Chronic Obstructive Pulmonary Disease	8	0.0	3.5	-----	12.5	6.4	-----	12.5	8.9	-----
Transient Cerebral Ischemia	13	0.0	1.4	-----	0.0	3.2	-----	0.0	5.2	-----
Stroke	24	20.8	18.8	-----	37.5	24.7	-----	45.8	28.1	-----
Hip Fracture	12	16.7	4.5	-----	16.7	8.2	-----	16.7	10.9	-----
Sepsis	10	30.0	17.3	-----	40.0	22.3	-----	40.0	26.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	8	0.0	3.9	-----	0.0	6.4	-----	12.5	8.1	-----
Initial Pacemaker Insertion	3	0.0	3.7	-----	0.0	5.7	-----	0.0	7.5	-----
Carotid Endarterectomy	5	0.0	0.8	-----	0.0	1.6	-----	0.0	2.4	-----
Hip Replacement/Reconstruction	45	2.2	1.1	-----	2.2	2.0	-----	2.2	2.7	-----
Open Reduction of Hip Fracture	4	0.0	2.8	-----	0.0	6.0	-----	0.0	8.9	-----
Prostatectomy	19	0.0	1.5	-----	0.0	3.8	-----	0.0	6.3	-----
Cholecystectomy	10	10.0	4.0	-----	10.0	8.5	-----	10.0	12.6	-----
Hysterectomy	18	0.0	1.0	-----	0.0	2.4	-----	0.0	3.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



THE UNIVERSITY HOSPITAL OF ARKANSAS

Medicare Provider Number: 040016

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	65.1 years
Proportion female	53.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	62.5 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	37.4 %
Admitted for emergency	34.8 %

COMORBIDITIES:

Cancer	16.2 %
Chronic cardiovascular disease	22.1 %
Chronic liver disease	0.9 %
Chronic renal disease	5.6 %
Chronic pulmonary disease	6.9 %
Cerebrovascular degeneration	5.8 %
Diabetes mellitus	8.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	36.6%
State	58.8%
Outside State	4.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.3 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	306
Occupancy Rate	72.0 %
Ownership/Control	State Government
Medicare Discharges	16.9 %
Case Mix Index (CMI)	1.3783

STAFFING:

Total Number of Physicians	258
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	258
Registered Nurses	337
Licensed Practical Nurses	50

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

VA HOSPITAL

300 EAST ROOSEVELT ROAD
LITTLE ROCK, AR 72206
Medicare Provider Number: 04010F

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	3	0.0	2.7	-----	0.0	6.3	-----	0.0	9.5	-----
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	3.9	-----	0.0	9.3	-----	0.0	13.9	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation was not computed for one or more of the three fiscal years, (1988, 1989, or 1990)

VA HOSPITAL
Medicare Provider Number: 04010F

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	40.0 years
Proportion female	0.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	0.0 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	0.0 %

COMORBIDITIES:

Cancer	0.0 %
Chronic cardiovascular disease	0.0 %
Chronic liver disease	0.0 %
Chronic renal disease	100.0 %
Chronic pulmonary disease	0.0 %
Cerebrovascular degeneration	0.0 %
Diabetes mellitus	33.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	0.0%
State	0.0%
Outside State	100.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.6 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year Unknown

PROFILE:

Total Beds	471
Ownership/Control	(Not Available)
Case Mix Index (CMI)	1.1496

STAFFING:

Medical Residents/Interns	0
Registered Nurses	0
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	Yes
Coronary Care Unit	Yes
Hospice Care	Yes
Intensive Care Unit	Yes
Organ Transplant	Yes
Trauma Center	Yes

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	N/A

** Except for CMI

*** Not used in calculating mortality rates**

VAN BUREN COUNTY MEMORIAL HOSPITAL

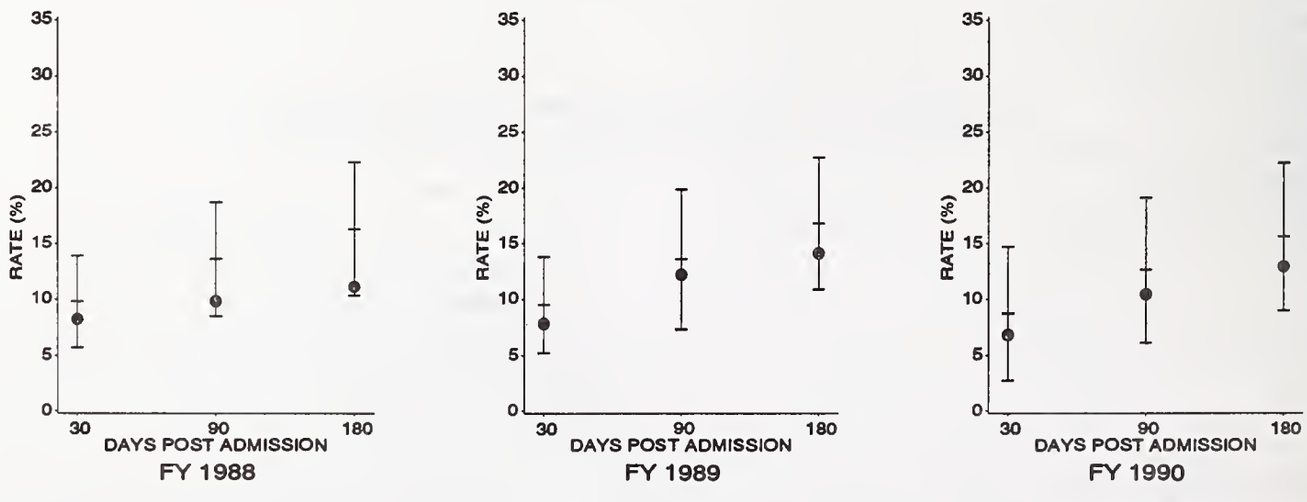
ROUTE 1 POB 206
CLINTON, AR 72031
Medicare Provider Number: 040060

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	278	6.8	8.7	3.0	10.4	12.6	3.3	12.9	15.6	3.3
CONDITIONS:										
Acute Myocardial Infarction	13	7.7	26.6	-----	7.7	29.1	-----	7.7	32.0	-----
Congestive Heart Failure	26	23.1	14.5	-----	23.1	22.2	-----	26.9	27.7	-----
Pneumonia/Influenza	34	5.9	12.5	-----	17.6	17.0	-----	17.6	20.2	-----
Chronic Obstructive Pulmonary Disease	11	0.0	5.0	-----	0.0	9.0	-----	0.0	12.4	-----
Transient Cerebral Ischemia	1	0.0	0.7	-----	0.0	1.9	-----	0.0	3.2	-----
Stroke	5	0.0	22.5	-----	0.0	28.9	-----	0.0	33.5	-----
Hip Fracture	0									
Sepsis	1	0.0	19.4	-----	0.0	28.8	-----	0.0	34.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	14	7.1	0.8	-----	7.1	1.7	-----	7.1	2.8	-----
Cholecystectomy	2	0.0	0.7	-----	0.0	1.3	-----	0.0	1.8	-----
Hysterectomy	1	0.0	0.1	-----	0.0	0.1	-----	0.0	0.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



VAN BUREN COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 040060

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.2 years
Proportion female	45.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	50.7 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	48.2 %

COMORBIDITIES:

Cancer	2.5 %
Chronic cardiovascular disease	31.3 %
Chronic liver disease	0.4 %
Chronic renal disease	2.9 %
Chronic pulmonary disease	16.5 %
Cerebrovascular degeneration	2.5 %
Diabetes mellitus	3.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	67.5%
State	28.1%
Outside State	4.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.0 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	32
Occupancy Rate	28.0 %
Ownership/Control	Local Government
Medicare Discharges	49.8 %
Case Mix Index (CMI)	0.9831

STAFFING:

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

WASHINGTON REGIONAL MEDICAL CENTER

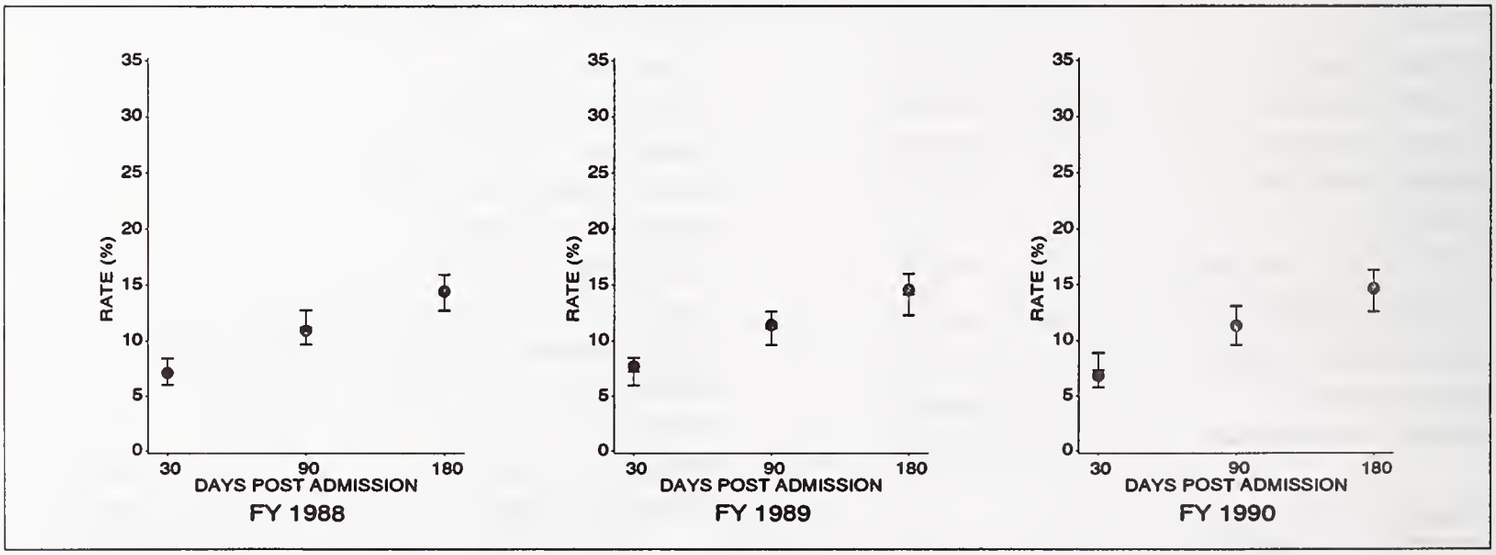
1125 NO COLLEGE
FAYETTEVILLE, AR 72703
Medicare Provider Number: 040004

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2157	6.8	7.3	0.8	11.3	11.3	0.9	14.6	14.4	0.9
CONDITIONS:										
Acute Myocardial Infarction	55	20.0	25.2	8.7	21.8	29.1	8.9	25.5	31.8	9.7
Congestive Heart Failure	71	14.1	14.6	6.1	22.5	22.6	5.4	25.4	28.7	6.1
Pneumonia/Influenza	90	14.4	11.4	4.5	20.0	15.9	4.7	20.0	19.2	4.3
Chronic Obstructive Pulmonary Disease	57	5.3	6.2	3.9	8.8	11.4	4.7	14.0	15.4	5.4
Transient Cerebral Ischemia	24	0.0	1.3	-----	0.0	2.9	-----	0.0	4.6	-----
Stroke	63	9.5	17.6	6.0	12.7	23.4	7.1	15.9	26.8	7.4
Hip Fracture	91	9.9	5.3	4.0	14.3	9.7	5.3	16.5	12.9	5.2
Sepsis	12	16.7	20.4	-----	16.7	27.0	-----	41.7	32.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	18	0.0	2.7	-----	11.1	5.6	-----	16.7	8.3	-----
Carotid Endarterectomy	14	7.1	0.9	-----	7.1	1.6	-----	7.1	2.4	-----
Hip Replacement/Reconstruction	62	4.8	2.7	3.3	6.5	5.1	3.6	6.5	6.9	4.1
Open Reduction of Hip Fracture	38	7.9	4.7	-----	15.8	8.8	-----	15.8	11.8	-----
Prostatectomy	60	0.0	0.5	1.1	1.7	1.1	1.5	5.0	2.0	3.1
Cholecystectomy	60	0.0	2.5	3.5	1.7	4.7	4.9	5.0	6.2	5.0
Hysterectomy	21	0.0	0.7	-----	4.8	1.4	-----	4.8	2.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



WASHINGTON REGIONAL MEDICAL CENTER

Medicare Provider Number: 040004

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	72.9 years
Proportion female	56.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	55.7 %
Transferred from skilled nursing facility	1.4 %
Admitted for elective procedure	16.3 %
Admitted for emergency	21.8 %

COMORBIDITIES:

Cancer	6.5 %
Chronic cardiovascular disease	21.7 %
Chronic liver disease	0.5 %
Chronic renal disease	2.6 %
Chronic pulmonary disease	10.5 %
Cerebrovascular degeneration	2.9 %
Diabetes mellitus	4.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	69.9%
State	22.8%
Outside State	7.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.0 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	233
Occupancy Rate	61.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	1.2756

STAFFING:

Total Number of Physicians	108
Percent of Physicians Board Certified Specialists	83.3 %
Medical Residents/Interns	0
Registered Nurses	233
Licensed Practical Nurses	129

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	Yes

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

WHITE COUNTY MEMORIAL HOSPITAL

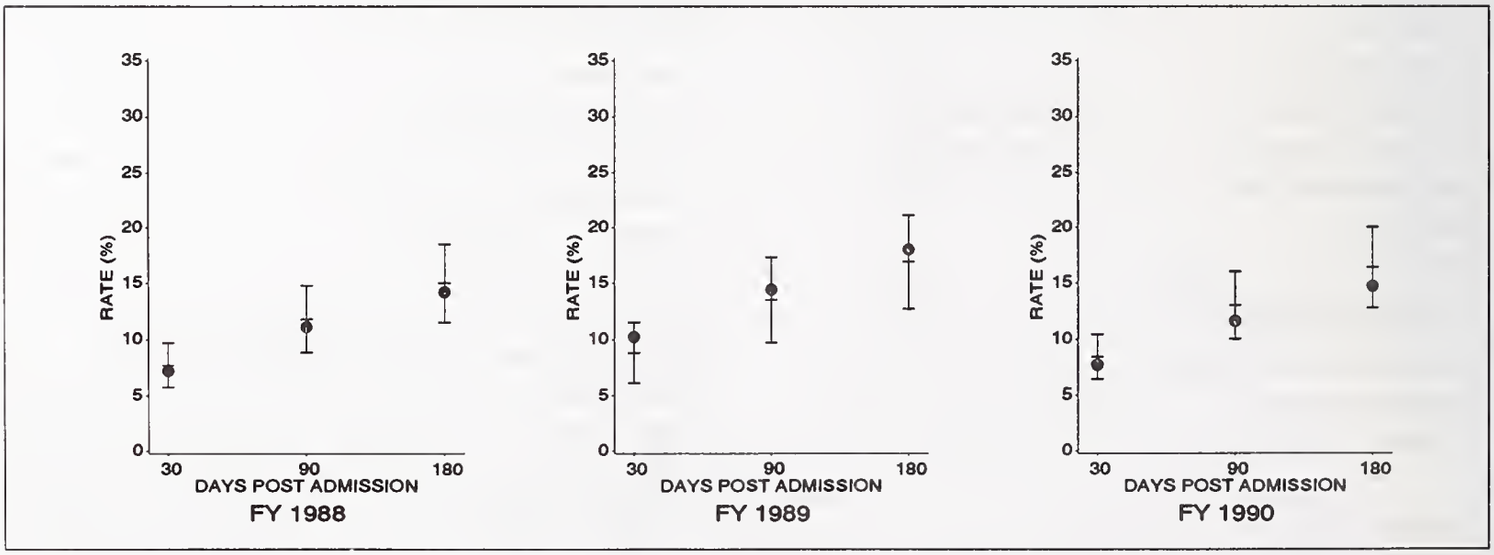
3214 E RACE ST BOX 809
SEARCY, AR 72143
Medicare Provider Number: 040100

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1223	7.7	8.4	1.0	11.6	13.0	1.5	14.7	16.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	33	21.2	24.5	-----	24.2	26.9	-----	24.2	29.1	-----
Congestive Heart Failure	78	15.4	14.6	5.2	21.8	23.3	5.1	29.5	29.5	5.2
Pneumonia/Influenza	101	10.9	13.6	4.8	17.8	18.8	4.0	20.8	22.6	4.5
Chronic Obstructive Pulmonary Disease	15	6.7	8.3	-----	13.3	14.1	-----	13.3	18.3	-----
Transient Cerebral Ischemia	46	0.0	1.4	-----	0.0	3.4	-----	2.2	5.7	-----
Stroke	39	17.9	19.4	-----	25.6	25.7	-----	25.6	29.9	-----
Hip Fracture	24	8.3	7.1	-----	8.3	12.1	-----	8.3	15.5	-----
Sepsis	12	25.0	16.6	-----	25.0	23.0	-----	25.0	27.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	1.4	-----	0.0	3.1	-----	0.0	5.0	-----
Carotid Endarterectomy	7	0.0	1.5	-----	0.0	2.6	-----	0.0	3.7	-----
Hip Replacement/Reconstruction	9	0.0	3.4	-----	0.0	6.4	-----	0.0	8.7	-----
Open Reduction of Hip Fracture	14	7.1	6.9	-----	7.1	12.3	-----	7.1	16.2	-----
Prostatectomy	40	0.0	1.2	-----	0.0	2.8	-----	2.5	4.7	-----
Cholecystectomy	23	0.0	2.9	-----	0.0	5.5	-----	4.3	7.4	-----
Hysterectomy	10	20.0	1.9	-----	20.0	4.3	-----	20.0	6.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



WHITE COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 040100

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.1 years
Proportion female	56.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	45.4 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	3.1 %
Admitted for emergency	6.8 %

COMORBIDITIES:

Cancer	6.5 %
Chronic cardiovascular disease	44.0 %
Chronic liver disease	0.8 %
Chronic renal disease	2.1 %
Chronic pulmonary disease	22.0 %
Cerebrovascular degeneration	6.2 %
Diabetes mellitus	7.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	71.5%
State	26.8%
Outside State	1.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.8 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	89
Occupancy Rate	64.0 %
Ownership/Control	Local Government
Medicare Discharges	48.5 %
Case Mix Index (CMI)	1.1065

STAFFING:

Total Number of Physicians	39
Percent of Physicians Board Certified Specialists	66.7 %
Medical Residents/Interns	0
Registered Nurses	46
Licensed Practical Nurses	69

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

WHITE RIVER MEDICAL CENTER INC

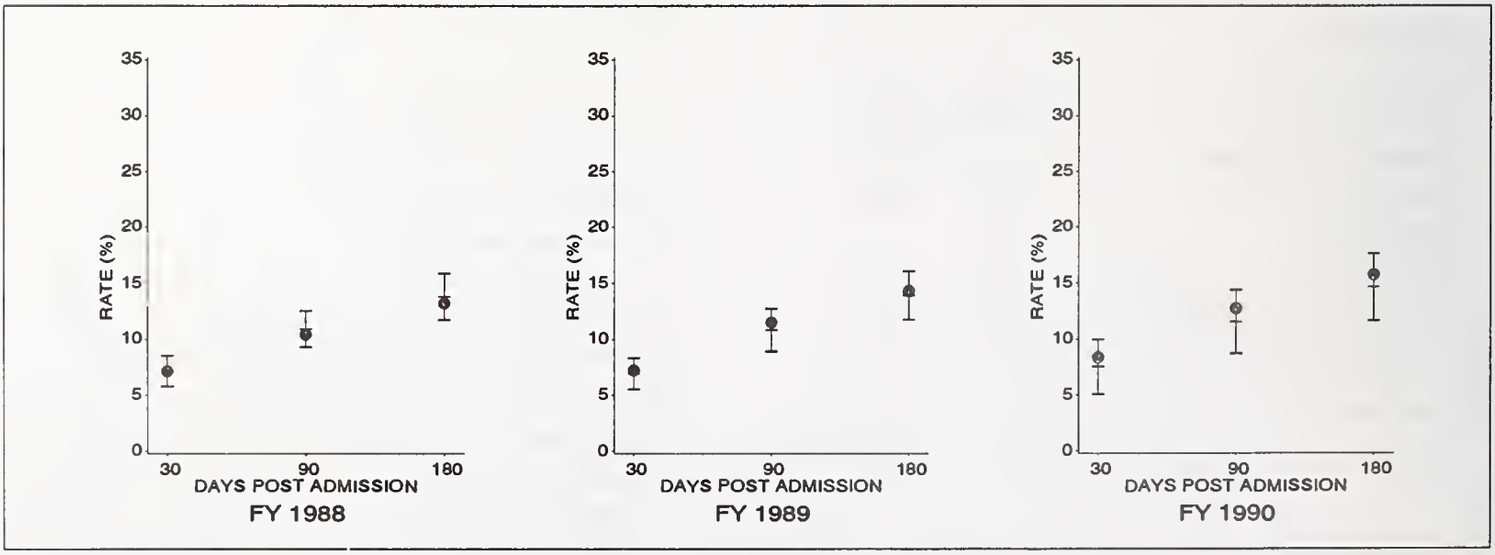
1710 HARRISON ST POB 2197
BATESVILLE, AR 72503
Medicare Provider Number: 040119

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1770	8.3	7.5	1.2	12.7	11.5	1.4	15.7	14.6	1.5
CONDITIONS:										
Acute Myocardial Infarction	51	29.4	25.4	7.1	29.4	28.2	6.4	31.4	30.8	6.7
Congestive Heart Failure	91	15.4	12.8	5.0	19.8	20.5	5.1	24.2	26.3	5.7
Pneumonia/Influenza	102	14.7	13.4	3.5	21.6	18.5	7.2	28.4	22.0	7.8
Chronic Obstructive Pulmonary Disease	47	8.5	5.7	-----	19.1	10.4	-----	25.5	14.3	-----
Transient Cerebral Ischemia	30	0.0	1.5	-----	3.3	3.5	-----	10.0	5.8	-----
Stroke	57	24.6	19.2	8.1	29.8	24.8	7.1	29.8	28.2	6.8
Hip Fracture	65	7.7	5.4	3.4	7.7	9.9	4.9	12.3	13.0	4.3
Sepsis	13	53.8	26.6	-----	61.5	34.0	-----	61.5	38.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	7.1	3.3	-----	7.1	6.1	-----	7.1	8.3	-----
Carotid Endarterectomy	7	0.0	1.0	-----	0.0	1.9	-----	0.0	2.9	-----
Hip Replacement/Reconstruction	35	2.9	3.7	-----	2.9	7.2	-----	2.9	9.6	-----
Open Reduction of Hip Fracture	27	7.4	4.3	-----	7.4	8.0	-----	11.1	10.9	-----
Prostatectomy	18	0.0	2.7	-----	5.6	6.5	-----	11.1	10.4	-----
Cholecystectomy	39	0.0	1.7	-----	5.1	3.5	-----	7.7	5.0	-----
Hysterectomy	15	0.0	0.8	-----	0.0	1.7	-----	0.0	2.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



WHITE RIVER MEDICAL CENTER INC

Medicare Provider Number: 040119

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.4 years
Proportion female	57.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	41.2 %
Transferred from skilled nursing facility	4.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	0.0 %

COMORBIDITIES:

Cancer	4.5 %
Chronic cardiovascular disease	25.7 %
Chronic liver disease	0.7 %
Chronic renal disease	1.9 %
Chronic pulmonary disease	10.2 %
Cerebrovascular degeneration	3.8 %
Diabetes mellitus	3.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	56.3%
State	42.3%
Outside State	1.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.9 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	135
Occupancy Rate	68.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	55.0 %
Case Mix Index (CMI)	1.1023

STAFFING:

Total Number of Physicians	34
Percent of Physicians Board Certified Specialists	76.5 %
Medical Residents/Interns	0
Registered Nurses	85
Licensed Practical Nurses	87

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

WILHELMINA MEDICAL CENTER

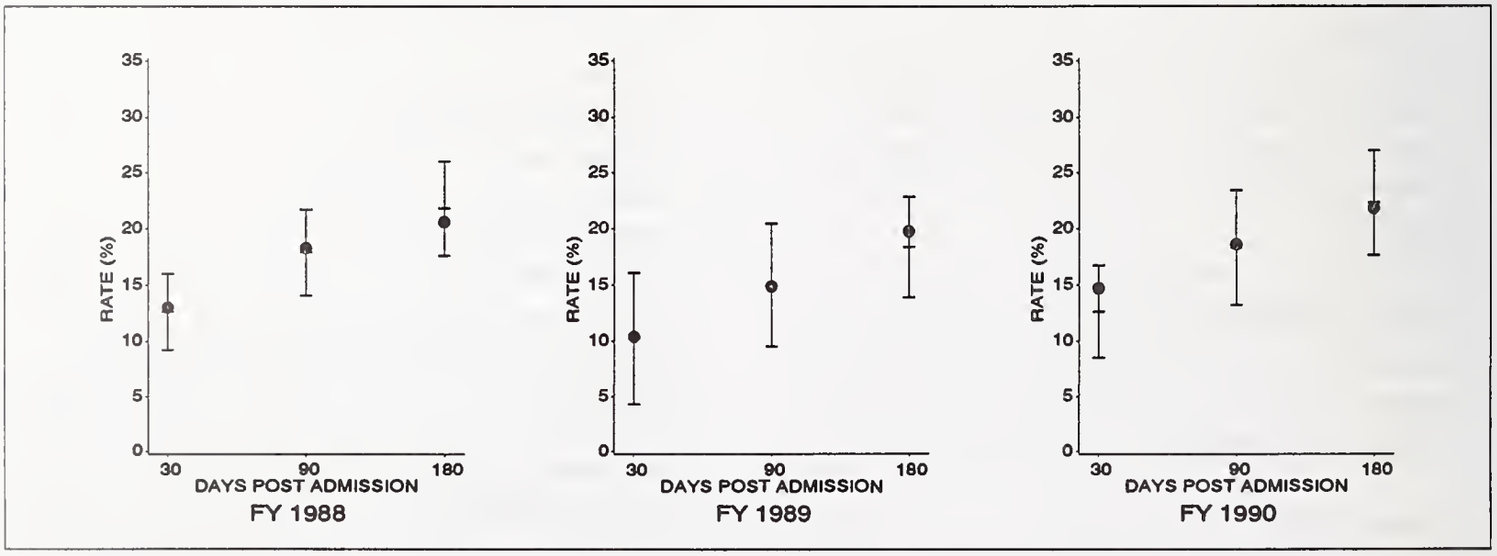
500 MORROW STREET
MENA, AR 71953
Medicare Provider Number: 040015

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	354	14.7	12.6	2.1	18.6	18.3	2.6	21.8	22.3	2.3
CONDITIONS:										
Acute Myocardial Infarction	18	72.2	30.1	-----	72.2	33.0	-----	77.8	36.0	-----
Congestive Heart Failure	48	22.9	15.4	-----	27.1	24.3	-----	29.2	30.3	-----
Pneumonia/Influenza	46	10.9	15.4	-----	15.2	21.5	-----	15.2	25.6	-----
Chronic Obstructive Pulmonary Disease	3	0.0	5.1	-----	0.0	9.5	-----	0.0	14.1	-----
Transient Cerebral Ischemia	2	0.0	1.3	-----	0.0	3.4	-----	0.0	5.7	-----
Stroke	14	35.7	24.3	-----	42.9	33.3	-----	50.0	38.5	-----
Hip Fracture	0									
Sepsis	4	25.0	18.2	-----	25.0	23.4	-----	25.0	27.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.7	-----	0.0	3.3	-----	0.0	4.1	-----
Hysterectomy	1	0.0	0.7	-----	0.0	1.5	-----	0.0	2.2	-----

* The Standard Deviation (SD) Is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



WILHELMINA MEDICAL CENTER

Medicare Provider Number: 040015

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	78.1 years
Proportion female	58.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	19.8 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	3.7 %
Admitted for emergency	5.1 %

COMORBIDITIES:

Cancer	4.5 %
Chronic cardiovascular disease	41.5 %
Chronic liver disease	0.6 %
Chronic renal disease	3.7 %
Chronic pulmonary disease	30.8 %
Cerebrovascular degeneration	5.6 %
Diabetes mellitus	9.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	89.1%
State	4.1%
Outside State	6.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	4.6 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	51
Occupancy Rate	25.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	79.1 %
Case Mix Index (CMI)	1.0309

STAFFING:

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	71.4 %
Medical Residents/Interns	0
Registered Nurses	15
Licensed Practical Nurses	22

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

YELL COUNTY HOSPITAL

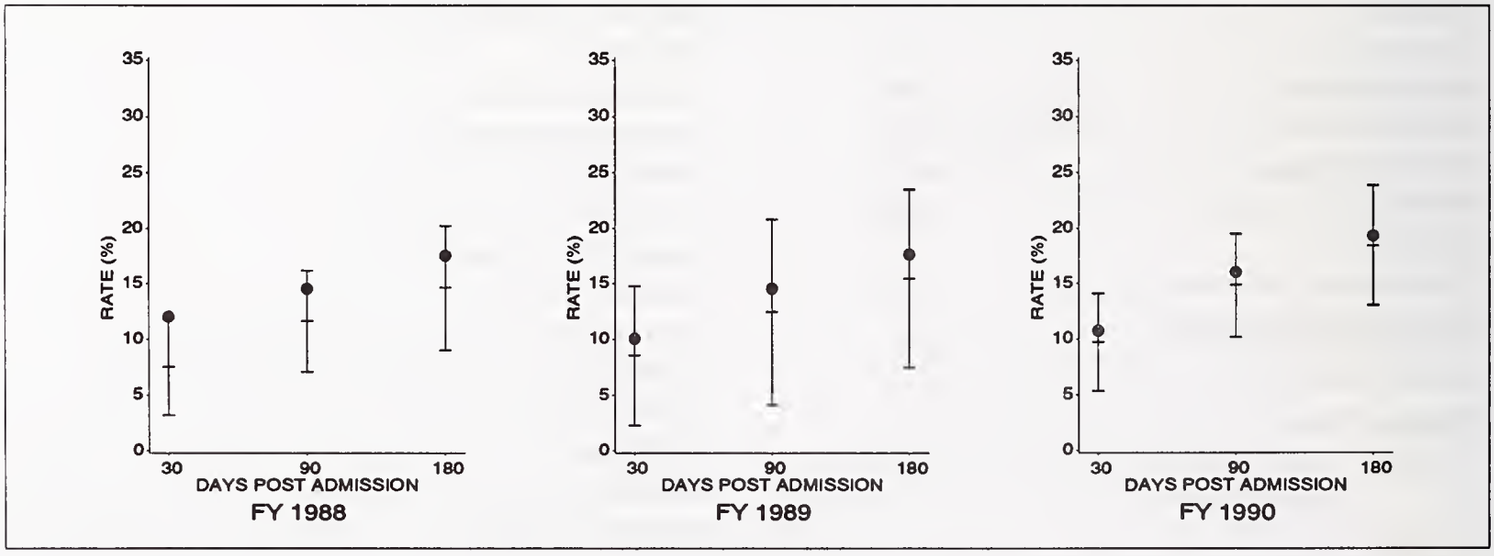
HWY 10 AT DETROIT ST POB 639
DANVILLE, AR 72833
Medicare Provider Number: 040011

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	243	10.7	9.7	2.2	16.0	14.8	2.3	19.3	18.4	2.7
CONDITIONS:										
Acute Myocardial Infarction	13	30.8	25.8	-----	38.5	29.0	-----	38.5	32.2	-----
Congestive Heart Failure	11	9.1	12.3	-----	18.2	20.0	-----	27.3	25.3	-----
Pneumonia/Influenza	25	16.0	16.5	-----	20.0	22.8	-----	24.0	26.7	-----
Chronic Obstructive Pulmonary Disease	9	0.0	4.0	-----	0.0	8.0	-----	0.0	11.7	-----
Transient Cerebral Ischemia	1	0.0	1.3	-----	0.0	2.9	-----	100.0	5.0	-----
Stroke	10	0.0	16.2	-----	0.0	21.6	-----	10.0	25.2	-----
Hip Fracture	0									
Sepsis	3	66.7	19.9	-----	66.7	27.5	-----	66.7	32.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	9	0.0	0.9	-----	0.0	2.3	-----	11.1	4.0	-----
Cholecystectomy	5	0.0	1.3	-----	0.0	2.4	-----	0.0	3.3	-----
Hysterectomy	1	0.0	0.2	-----	0.0	0.5	-----	0.0	0.8	-----

* The Standard Deviation (SD) Is not calculated if the number of deaths or cases Is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



YELL COUNTY HOSPITAL

Medicare Provider Number: 040011

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.0 years
Proportion female	52.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	72.4 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.4 %
Admitted for emergency	1.2 %

COMORBIDITIES:

Cancer	9.1 %
Chronic cardiovascular disease	32.9 %
Chronic liver disease	0.4 %
Chronic renal disease	0.4 %
Chronic pulmonary disease	17.3 %
Cerebrovascular degeneration	0.8 %
Diabetes mellitus	7.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	80.0%
State	19.8%
Outside State	0.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	4.2 Days
State	8.0 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	41
Occupancy Rate	26.0 %
Ownership/Control	Local Government
Medicare Discharges	43.7 %
Case Mix Index (CMI)	0.9919

STAFFING:

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	16

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

ARKANSAS

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	88,685	8.9	8.3	0.1	13.4	12.7	0.2	16.6	16.0	0.1
CONDITIONS:										
Acute Myocardial Infarction	2,531	29.2	26.0	1.2	32.7	28.9	1.5	35.0	31.6	1.4
Congestive Heart Failure	4,305	15.8	14.1	0.8	23.9	22.5	1.0	30.1	28.6	0.9
Pneumonia/Influenza	5,049	14.6	14.8	0.7	20.7	20.4	0.6	24.0	24.1	0.6
Chronic Obstructive Pulmonary Disease	1,351	6.0	6.4	0.8	11.2	11.6	0.9	15.8	15.7	1.0
Transient Cerebral Ischemia	1,444	1.2	1.6	0.6	3.3	3.6	0.8	5.3	6.0	0.9
Stroke	3,004	21.0	18.7	1.2	28.3	24.8	1.3	31.8	28.6	1.2
Hip Fracture	2,152	7.1	5.9	0.7	11.6	10.5	0.9	15.0	13.8	1.0
Sepsis	830	31.1	24.3	1.6	39.3	32.7	2.2	43.9	37.5	2.0
PROCEDURES:										
Angioplasty	627	3.0	3.0	0.7	4.0	3.8	0.9	4.8	4.7	1.2
Coronary Artery Bypass Graft	1,280	6.0	5.4	0.8	8.2	7.5	0.9	8.9	8.4	0.9
Initial Pacemaker Insertion	640	2.5	2.7	0.7	5.5	5.3	0.9	7.8	7.7	1.1
Carotid Endarterectomy	468	1.1	1.4	0.6	3.0	2.6	0.9	4.5	3.8	1.4
Hip Replacement/Reconstruction	1,421	4.8	3.2	0.7	7.8	5.9	0.9	9.9	8.0	1.1
Open Reduction of Hip Fracture	1,128	6.4	5.4	1.2	10.6	9.9	1.3	14.0	13.2	1.4
Prostatectomy	2,858	1.1	1.0	0.3	2.5	2.3	0.4	3.8	3.9	0.5
Cholecystectomy	1,838	3.0	2.2	0.7	4.8	4.2	0.9	6.3	5.6	1.0
Hysterectomy	602	1.3	0.5	1.0	1.7	1.1	1.0	2.0	1.8	1.1

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.0 years
Proportion female	55.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	49.6 %
Transferred from skilled nursing facility	1.2 %
Admitted for elective procedure	22.6 %
Admitted for emergency	22.3 %

COMORBIDITIES:

Cancer	7.1 %
Chronic cardiovascular disease	31.3 %
Chronic liver disease	0.7 %
Chronic renal disease	2.5 %
Chronic pulmonary disease	12.4 %
Cerebrovascular degeneration	3.4 %
Diabetes mellitus	6.6 %

ALL STATES

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	6,542,299	9.0	9.0	-----	13.9	13.7	-----	17.3	17.1	-----
CONDITIONS:										
Acute Myocardial Infarction	204,673	25.3	25.6	-----	29.5	28.7	-----	32.1	31.4	-----
Congestive Heart Failure	335,426	14.3	14.4	-----	22.9	22.8	-----	29.2	29.0	-----
Pneumonia/Influenza	313,303	15.3	15.5	-----	21.5	21.3	-----	25.5	25.1	-----
Chronic Obstructive Pulmonary Disease	107,387	8.0	8.0	-----	14.1	14.0	-----	18.7	18.5	-----
Transient Cerebral Ischemia	96,866	1.8	1.8	-----	4.0	4.0	-----	6.4	6.5	-----
Stroke	241,803	19.7	19.8	-----	26.5	26.3	-----	30.4	30.0	-----
Hip Fracture	163,386	6.7	6.5	-----	11.7	11.5	-----	15.1	15.0	-----
Sepsis	80,999	25.6	25.7	-----	34.6	33.8	-----	39.8	38.6	-----
PROCEDURES:										
Angioplasty	58,026	3.0	3.0	-----	4.0	4.0	-----	5.0	4.9	-----
Coronary Artery Bypass Graft	80,798	6.0	5.7	-----	8.3	8.1	-----	9.5	9.2	-----
Initial Pacemaker Insertion	49,642	3.2	3.3	-----	6.5	6.3	-----	9.1	9.1	-----
Carotid Endarterectomy	29,990	1.6	1.5	-----	2.8	2.8	-----	4.0	4.1	-----
Hip Replacement/Reconstruction	122,156	3.4	3.2	-----	6.2	5.9	-----	8.1	8.0	-----
Open Reduction of Hip Fracture	80,075	6.1	6.0	-----	11.2	11.0	-----	14.5	14.5	-----
Prostatectomy	211,087	0.9	1.0	-----	2.2	2.3	-----	3.7	3.8	-----
Cholecystectomy	124,259	2.9	2.7	-----	5.0	4.9	-----	6.5	6.5	-----
Hysterectomy	53,905	0.7	0.7	-----	1.4	1.5	-----	2.2	2.4	-----

* The Standard Deviation (SD) is not calculated.

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.1 years
Proportion female	55.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	46.1 %
Transferred from skilled nursing facility	1.1 %
Admitted for elective procedure	22.0 %
Admitted for emergency	46.5 %

COMORBIDITIES:

Cancer	7.6 %
Chronic cardiovascular disease	36.6 %
Chronic liver disease	1.0 %
Chronic renal disease	3.4 %
Chronic pulmonary disease	15.0 %
Cerebrovascular degeneration	3.9 %
Diabetes mellitus	8.0 %

Hospital Comments

Baptist Memorial Hospital - Forrest City
I-40 at Crowley Ridge Road
Forrest City, AR 72335
Provider #040019

March 18, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
ATTN: Robert Moore

Dear Dr. Wilensky:

We have received and reviewed carefully with our medical staff the Medicare analysis of hospital mortality rates for FY90. Baptist Memorial Hospital - Forrest City is a 118 bed acute care facility accredited by the Joint Commission on the Accreditation of Healthcare Organizations and licensed by the Arkansas Department of Health to provide inpatient and outpatient services to residents to the east central Arkansas delta. In addition to the hospital, there is an affiliated home health care program and eight nursing homes operating independently in the service area that care for the majority of our Medicare population.

Analysis of the mortality statistics provided by the Health Care Financing Administration (HCFA) indicates that the small number of cases in all the diagnostic categories except "pneumonia/influenza" makes any attempt at interpretation questionable. When ranges are calculated at a 95% level of confidence for this category, the observed rates fall well within their predicted ranges for the three time periods post discharge.

With respect to the "all causes" category and the overall appearance of the data, we believe that the predicted rates are much too low due to problems with clerical and coding procedures identified during an internal review of these functions during the past year. These procedural errors would have resulted in incomplete data on admission type and admission source, and an underreporting of comorbid conditions. Since all three of these are key elements in the HCFA formula for predicting mortality rates, their understatement would have resulted in an underestimate of the predicted rates. Were these problems not present, we believe that the predicted rates would be significantly higher and that the observed rates would therefore fall within an acceptable range. Steps have been taken to correct these procedural errors, but the changes will not be reflected in the data until FY92.

Our review of cases through our ongoing quality improvement process indicates that appropriate medical treatment and nursing care were provided to these patients. We have also noted in our review process that comorbidities are predominate upon admission, that a large percentage of patients have "Do Not Resuscitate" orders written upon admission and are from nursing homes, and that a large number are admitted through the Emergency Room in an unresponsive condition, none of which are believed to be adequately reflected in the data. We also would like to note that St. Francis County has an extremely high indigent rate, uninsured rate, unemployment rate and Medicaid population. The Medicare patients included in this survey are representative of these various subgroups which are all well known to increased morbidity, decreased health preparedness for illness and increased potential for mortality.

Baptist Memorial Hospital - Forrest City is committed to the provision of quality patient care, and has dedicated significant resources to the monitoring, evaluation, and continuous improvement of that care. All mortalities are reviewed as an integral part of this process, and no quality problems have been identified. As in previous years, the mortality data published by the Health Care Financing Administration will be integrated into our ongoing quality monitoring processes.

We caution against viewing the HCFA mortality rates as the ultimate indicators of quality. Quality cannot be measured with statistics alone. In fact, there is no statistical model available at this time which can consider all of the variables needed to predict a positive or negative patient outcome. Such a model can only suggest areas for evaluation or study.

Thank you for the opportunity to review and comment on the Medicare hospital mortality information for Baptist Memorial Hospital - Forrest City.

Sincerely,

Robert E. Northern

Robert E. Northern
Administrator

Baptist Memorial
Hospital Eastern Ozarks
122 South Allegheny Drive
Cherokee Village, Arkansas 72542

Jim VanderSteeg
Administrator

501-257-4101

Medicare Provider Number: 040126

March 16, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
ATTN: Robert Moore

Dear Mr. Moore:

Baptist Memorial Hospital-Eastern Ozarks is a JCAHO Accredited, 40 bed acute care facility which provides quality services in a retirement village located in a rural community. There are 2 local nursing homes which contribute a large portion of the elderly, chronically and terminally ill patients admitted to our facility.

Analysis of the mortality statistics provided by the Health Care Financing Administration indicates that the small number of cases in most of the categories makes any attempt at interpretation questionable. Some categories fall below and some above the "expected" rates, which in itself is to be expected since the "expected" rates are basically national averages for a similar population of patients. Further analysis of the "all causes" category, which is the only category for which a standard deviation was supplied, indicates that, when a range is calculated at a 95% level of confidence, the observed rate falls well within the predicted ranges for all three time periods post discharge. Therefore, in general, it appears that any difference between the observed and predicted mortality rates for the categories presented is not meaningful.

Baptist Memorial Hospital-Eastern Ozarks is committed to the provision of quality patient care, and has dedicated significant resources to the monitoring, evaluation, and continuous improvement of that care; all mortalities are reviewed as an integral part of this process. As in previous years, the mortality data published by the Health Care

Financing Administration will be integrated into our ongoing quality monitoring processes. However, we continue to stress that mortality statistics should be viewed as just one component of a comprehensive quality assessment program, and not the ultimate indicators of quality.

Thank you for the opportunity to review and comment on the Medicare hospital mortality information for Baptist Memorial Hospital - Eastern Ozarks.

Sincerely,

Jim VanderSteeg
Administrator

JV/tlc

Mercy Hospital of Scott County
Pinewood Nursing Home
Mercy Village

Box 2230
Waldron, Arkansas 72958-2230
(501) 637-4135

MEDICARE PROVIDER NUMBER: 040040

MERCY HOSPITAL OF SCOTT COUNTY

COMMENTS ON THE HCFA MORTALITY AUDIT

We have preliminarily reviewed the FY 90 Medicare Hospital Mortality Rates report and noted that our performance for all categories of conditions and procedures was comparable to national experience, even though the numbers of cases were too small to allow valid statistical comparisons.

Please be advised that our records show 347 Medicare patients discharged in FY 90; the HCFA report shows only 208. The HCFA report also reflects our hospital has 113 beds and 86.0% occupancy. Our records show us with 24 beds and 34.3% occupancy. I'm confident that a more indepth analysis will reveal other significant differences between our data and HCFA's.

Mercy Hospital of Scott County is a small rural hospital (24 beds) serving a population of older citizens with many chronic diseases and multiple illnesses. Many patients are transferred to nursing homes and to larger hospital facilities for further care.

We regularly review our entire Medicare population, referenced against regional performance, and have found no important adverse differences.

Sister Donald Mary Lynch, RSM

Sister Donaly Mary Lynch, RSM, FACHE
Chief Administrative Officer

The University
Hospital of Arkansas

Administration

4301 West Markham
Little Rock, Arkansas 72205
501/686-5660

Provider #: 040016

March 19, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
Attn: Robert Moore

Dear Mr. Moore:

This letter is in response to the HCFA Mortality Report for FY 1990. The hospital's observed mortality rate again has remained below the predicted rate for all causes. In each category of procedures or conditions, the numbers of cases or deaths remained too small to calculate a standard deviation from the predicted rate.

All deaths within 30, 60, and 180 days from an admission for acute myocardial infarction or congestive heart failure were reviewed. In the first category 66% and in the second category 45% of the deaths were expected and inevitable. The remainder of the cases could not be evaluated adequately without knowing the place of death and cause of death.

The quality of patient care cannot be assessed by reviewing the mortality data alone. The origin and length of stay information was an interesting addition to the tables.

Thank you for the opportunity to contribute our comments to your publication. We look forward to working with you in the future.

Sincerely,

Richard A. Pierson
Executive Director

WASHINGTON REGIONAL

MEDICAL CENTER 1125 NORTH COLLEGE AVENUE / FAYETTEVILLE, ARKANSAS 72703 501 442-1000

Medicare Provider # 040004

March 13, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
ATTN: Robert Moore

Dear Ms. Wilensky,

Washington Regional Medical Center is not opposed to providing useful, pertinent information to a consumer for use in selection of a health care provider. HCFA's Hospital Mortality Rates for Medicare patients, serves no purpose and is totally useless. It is a mathematical model with no clinical significance or application. I believe HCFA could spend their resources more wisely in patient care, and if this annual report is continued it should be made meaningful.

Sincerely,

Michael D. DeBoer

Michael D. DeBoer
President and Chief Executive Officer

/pn

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